

LaGuardia Community College

CATALOG

2016 | 2017



DARE TO DO MORE

LAGUARDIA'S ENHANCED SEMESTERS

LaGuardia’s academic year calendar consists of two standard semesters each with two modules (sessions). Each semester has one instructional session with 12 weeks of instructional days and one instructional session with 6 weeks of instructional days (excluding holidays and intersessions). Each session is followed by an exam period.

This structure provides students greater flexibility and choice in designing their programs. It also maximizes the number of credits they can earn each semester, giving students the option of earning their Associate’s Degree on an accelerated schedule. It is highly recommended that students attend both the first and the second sessions.

In order to attend classes offered during the 6-week session, degree students on financial aid must register for those classes during the registration period for the first session. The payment period for financial aid includes the last day of final exams in each term.

To the right is a chart illustrating both the Fall and Spring semesters, including dates for each session, as well as when final exams occur. For the full Academic calendar, see the inside back cover.

2016 FALL SEMESTER

12 weeks	Session I	September 8 - December 11
	Exam Period	December 13 - December 19
	Intersession	
6 weeks	Session II	January 4 - February 16
	Exam Period	February 18 - February 24

2017 SPRING SEMESTER

12 weeks	Session I	March 5 - June 7
	Exam Period	June 9 - June 15
	Intersession	
6 weeks	Session II	June 20 - August 1
	Exam Period	August 3 - August 9

TABLE OF CONTENTS

Dare to Do More	3
Vision/Mission Statement/Accreditation	4
LaGuardia at a Glance	5
Admission, Tuition and Financial Aid	7
How to Apply	8
Immunization	8
University Testing Policies and Procedures	9
Advanced Standing through Prior Learning Assessment	9
Special Learning Opportunities	11
Tuition and Fees	14
Federal Financial Aid Programs	17
Veterans Benefits	21
State Financial Aid Programs	19
Academic Programs	23
Accounting	24
Biology	25
Business Administration	26
Aviation Management Option	27
Healthcare Management Option	27
Business Management	27
Commercial Photography	28
Fine Arts Photography Option	28
Communication Studies	32
Computer Programs	34
Computer Operations: Network Security and Administration Option	35
Computer Science	36
Computer Technology	37
Programming and Systems	38
New Media Technology	39
Criminal Justice	40
Dietetic Technician	42
Education Degrees	44
Education Associate: The Bilingual Child	46
Liberal Arts: Childhood Education Option	45
Liberal Arts: Early Childhood Education Option	60
Liberal Arts: Secondary Ed./ Teacher Transfer Option	69
Engineering Science Degrees	47
Civil Engineering	47
Electrical Engineering	48
Mechanical Engineering	48
Earth System Science and Environmental Engineering Option	49
Energy Technician	50
Environmental Science	51
Fine Arts	52
Design Studies Option	53
Foodservice Management	54

Human Services	55
Industrial Design	57
Liberal Arts and Sciences	58
Liberal Arts: Social Sciences and Humanities	59
Deaf Studies Option	60
History Option	61
International Studies Option	62
Japanese Option	63
Journalism Option	64
Labor & Community Organizing Option	65
Latin American Studies Option	65
Media Studies Option	66
Music Option	67
Political Science Option	68
Liberal Arts: Actuary Science	71
Liberal Arts: Mathematics and Science	70
Music Recording Technology	71
Nursing	73
Occupational Therapy Assistant	75
Paralegal Studies	77
Paramedic	79
Philosophy	80
Physical Therapist Assistant	82
Psychology	85
Radiologic Technology	87
Spanish-English Translation	88
Theatre Program	90
Therapeutic Recreation	91
Travel, Tourism and Hospitality Management	92
Veterinary Technology	94
Writing and Literature	95
Creative Writing Track	97

Certificate Programs

Commercial Photography	29
Computer Network Administration & Security	37
New Media Technology/Media Arts Certificate	40
Practical Nursing Certificate	83

Course Index

Transfer and Articulation Policies	100
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Course Descriptions and Academic Department

Information	101
Business and Technology Department	101
Communication Skills Department	112
Cooperative Education Department	112
Counseling Department	112
Education and Language Acquisition Department	113
English Department	129
Health Sciences Department	136

continued on next page...

Table of Contents, continued

Humanities Department	151	Student Programs and Services	211
Liberal Arts	170	Academic Advising and Counseling	211
Library Media Resources Center	171	Student Services	211
Mathematics, Engineering & Computer Science Dept.	171	Office of Campus Life	216
Natural Sciences Department	180	Student Communication Resources	217
Social Science Department	185	Department of Recreation	218
HEGIS Codes	194	LaGuardia Performing Arts Center	219
		Public Safety	219
Administration	195		
For Faculty/Staff directory, see www.laguardia.edu		Campus and Community Programs	220
		Adult and Continuing Education	220
Academic Requirements and Policies	197	Division of Academic Affairs	223
Basic Skills Program	197	High Schools	223
Evaluation and Placement	197		
English as a Second Language	198	Appendices and Index	226
ePortfolio	198	College and University Policies	226
Internship Programs and Experiential Learning	199	Appendix	229
Liberal Arts Elective Requirements	199	Hours of Operation	230
New Student Seminar	200	Glossary of Terms	230
Urban Study Requirement	200	Index	233
Academic Policies	201	Map	235
Academic Credits	202		
Registration	203	Academic Calendar	
Drop/Withdrawal and Leave	203	Fall 2016 Session I and II	236
E Permits	204	Spring 2017 Session I and II	Inside Back cover
Grading	205		
Graduation	209		



DARE TO DO MORE

At LaGuardia Community College, we believe that a better world starts by asking, “What if?” The courage to question, the drive to experiment and the will to change define our students’ success and our faculty’s accomplishments. We challenge expectations and dare to do more every day — so that students can write their own futures, and together, we can build a stronger economy, a stronger country and a better world. A nationally recognized leader among community colleges, LaGuardia was founded in 1971 as the ultimate experiment in opening the doors of higher education to all, and we proudly carry forward that legacy today.



Each day, faculty, staff and students at LaGuardia demonstrate the power of ordinary individuals to make extraordinary things happen. We provide an exceptional, affordable education to prepare graduates to face the challenges of our increasingly complex world, where they will be future leaders and productive citizens of the 21st century global workforce. Our award-winning faculty fosters a culture of critical thinking so that students can explore and experiment in a supportive environment as they push past perceived boundaries to achieve their dreams.

Our students come from over 150 countries to study together, and for immigrants, we are a gateway to achieve the American dream. Returning adult students, who never thought college was an option, see their families’ lives enriched by walking through our doors. And for the many New York City teenagers just graduating from high school, LaGuardia is an affordable place to start their college education and have an outstanding learning experience.

We give students the tools and inspiration to re-imagine their futures and better understand their opportunities. Students offered research experience in National Science Foundation labs become scientists. Accounting internships open the door to securing a great job in business, while students study further to become certified public accountants. Art and design classes taught by practicing artist-professors nurture the next generation of artists. With the help of college employment programs, entry-level jobs secured with local high-tech companies lead new Americans to become entrepreneurs.

In their time at LaGuardia, students grow as human beings, as well as learners. Everything from participating in community-service activities with Queens social service organizations, to taking part in a wide range of student activities prepares LaGuardia students to participate in making a better world.

What strikes everyone who walks the halls and visits the classrooms of LaGuardia is our spirit — a bold mix of energy, ambition and hope. And it’s you — our students — who motivate us to continue to develop innovative programs and resources to adapt to your changing needs. As we continue to build a great institution, we welcome students who dream big, and will continually challenge the faculty and staff to make LaGuardia an even greater institution of learning.

On behalf of our outstanding faculty, dedicated student service professionals, current students and alumni, I welcome you to LaGuardia.

Sincerely,
Dr. Gail O. Mellow, *President*

MISSION STATEMENT

LaGuardia Community College of the City University of New York is named for Fiorello H. LaGuardia, New York City's New Deal mayor, who inspired a city of immigrants. Located at a transit hub that links Queens, the city's most ethnically diverse borough, with the world center of finance, commerce and the arts, the College provides access to higher education and serves New Yorkers of all backgrounds, ages and means.

Mission

LaGuardia Community College's mission is to educate and graduate one of the most diverse student populations in the country to become critical thinkers and socially responsible citizens who help to shape a rapidly evolving society. These are the foundational elements that sustain our commitment:

Our Students

Our students are the energizing force behind the College. They seek knowledge, skills and credentials to transform their own lives, as well as impact their families and communities. Their dedication to the journey of lifelong learning and the richness they bring to the classroom and campus life are what define LaGuardia. Our alumni take an active role in the College community by sharing their stories and resources with current students and developing lasting relationships with the College.

Our Faculty & Staff

Our faculty and staff are passionate professionals constantly reflecting upon their training, experience, practice and goals to create challenging and engaging learning environments. They cherish their connections with students and enjoy learning with them and from them. Our faculty and staff are engaged in scholarly and artistic activities that reflect their intellectual excitement and rigor, their commitment to disciplinary knowledge and discovery, and their deep respect for all the communities of our city.

Our Programs

We offer a broad range of rigorous academic programs that promote inquiry, openness and a willingness to take on challenges. Areas include urban studies, liberal arts, business, the sciences, health, technology, developmental education, college and transfer preparation, experiential education, continuing education classes, workforce training and Honors programs. Our leadership in technology-based learning has earned national and international recognition.

Our Community

We cultivate partnerships with businesses, civic and community groups, government, and public schools to enhance the economic, cultural, and educational development of Queens and New York City and State. We aspire to set an example as advocates of sustainable practices that contribute to a healthy urban environment.

ACCREDITATION

LaGuardia Community College/CUNY is accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104, (267) 284-5000. The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation.

LAGUARDIA AT A GLANCE

At LaGuardia, we challenge expectations and dare to do more – to push boundaries, close gaps, shatter misperceptions, and inspire big dreams – so that students can write their own futures.

- ▶ Conveniently located in Queens, New York City's most ethnically diverse borough, LaGuardia Community College educates students from all over the world with over 150 countries represented and 106 different languages spoken natively.
- ▶ LaGuardia offers more than 60 majors, certificates and programs so students can find the one that's right for them.
- ▶ Recent graduates have transferred to some of the country's most selective institutions, including Brown, Columbia, NYU, Johns Hopkins, Sarah Lawrence, Cornell, Pepperdine, Georgetown and Vassar.
- ▶ Our Center for Career and Professional Development and Transfer Services Center are available to help students research and plan for their best career and education paths after LaGuardia.
- ▶ Special programs and financial aid options, including grants, scholarships, work-study and tuition payment plans, make getting a high-quality education affordable.
- ▶ Fifty-eight percent of our faculty hold doctoral degrees – more than twice the national average for community colleges.
- ▶ Students are supported by Advising Teams, comprised of faculty, staff and peers, that help you map out the best route to graduation, a four-year college or a career.
- ▶ LaGuardia offers a variety of free tutoring so students can get help or accelerate their learning.
- ▶ Ninety-three percent of LaGuardia's graduates have no student loan debt.
- ▶ The enhanced semester structure, along with day, evening and weekend classes, allow students to complete their associate degree in two years, saving time and money.

ADMISSION

Applicants who have a high school diploma, High School Equivalency Diploma, or foreign secondary education credentials equivalent to a U.S. high school diploma are eligible for admission to LaGuardia. The SATs are not required. If you've already taken them, however, your scores may exempt you from LaGuardia's placement tests, which are given after you've been admitted to the College.

TUITION

As part of The City University of New York, LaGuardia has one of the lowest college tuitions in New York City.

- ▮ Students can sign up for a monthly payment plan.
- ▮ Over 60% of our students qualify for Financial Aid.
- ▮ The Office of Student Financial Services encourages all LaGuardia students to use its services. All students, even those who aren't U.S. citizens, NY state residents or eligible non-citizens, can access resources and information to help them search for and secure financing for their education.
- ▮ Students can pay via check, cash (do not mail) or money order.

Effective March 13, 2016, students will no longer be able to use a credit or debit card to make payments directly to LAGCC for tuition or fees.

We encourage prospective students to meet with our Student Financial Services staff in C109 to discuss their financial needs when filing an admission application to LaGuardia.

YOUR TRANSITION TO COLLEGE

LaGuardia's award-winning First-Year Experience orients new students to college life and the support services that help them set personal, educational and career goals.

For entering students who need help with basic skills in math, reading or writing, the College has several options including: an intensive pre-freshman First Year Institute program, intra-semester workshops, and non-credit basic skills classes during the academic year.

Our student body hails from more than 150 countries and speaks over 100 languages. We are the future of America. At LaGuardia, you'll meet people from your own background, as well as people from countries you may have only read about before.

INTERNSHIPS

LaGuardia was among the first colleges in the U.S. to offer internships to students as part of the requirements for graduation. Today, some major programs at the College still have an internship requirement, while other internship opportunities are available to students through special programs.

We encourage all students to learn more about internship offerings at LaGuardia by visiting their academic advisors.

Experiential learning gained on an internship enables you to:

- ▮ Explore career options and gain work experience in your desired career field. You'll make contacts and learn from people who currently work and are successful in those industries.
- ▮ Apply classroom learning in real world situations—reinforcing new information at the same time you're learning it.
- ▮ Practice and strengthen your interpersonal and technical skills.

HONORS PROGRAM

Our Honors Program for highly motivated students includes Student Exchange and Transfer Programs with Columbia University, Barnard and Vassar Colleges, Study Abroad opportunities, the Phi Theta Kappa Honor Society, the Alpha Beta Gamma Business Honor Society and the Dean's List.

TECHNOLOGY AND EPORTFOLIO

LaGuardia is committed to helping students learn to effectively use multiple technologies. Through an ePortfolio students save work from different courses and activities into their electronic portfolios, and then select their best work for display in a personal web space. By also creating a digital/online resume, students have a wealth of materials available to showcase for potential employers and senior colleges.

ADMISSION, TUITION AND FINANCIAL AID

Admissions - Find Out More About the College

The Admissions Office encourages prospective students to attend an Information Session or one of the many admissions events scheduled throughout the year to learn more about LaGuardia Community College. An Admissions Counselor will help students examine their objectives, review requirements for programs of interest and discuss career opportunities. We also provide assistance in the application process. Students can sign up for admissions events at www.laguardia.edu/events or by calling 718-482-5000. If you would like to schedule an appointment to meet with an Admissions Counselor please call 718-482-5107.

Office Hours: Monday & Thursday 9:00 am – 7:00 pm
Tuesday & Wednesday 9:00 am – 5:00 pm
(closed Fridays and weekends)

Location: C102
31-10 Thomson Avenue
Long Island City, New York 11101
Phone: 718-482-5000
Email: Admissions@lagcc.cuny.edu

TYPES OF APPLICATIONS

Students should only complete one of the three applications listed below. Students are responsible for filing the correct application.

1. Freshman Applicant

A freshman applicant is defined as a student who has never attended a college, university or postsecondary institution since graduating from high school or receiving a General Equivalency Diploma (GED) or High School Equivalency (HSE). Neither a high school certificate nor an Individualized Education Program (IEP) diploma is acceptable. We do not accept

wallet-sized diplomas. Applicants who earned a United States Armed Forces Institute Diploma must submit proof of having earned a minimum passing score on the GED/HSE examinations. Application fee is \$65.

Requirements to Apply (Submit one of the following:)*

- Original high school diploma and sealed high school transcript
- Original GED/HSE certificate and scores
- International secondary education credentials equivalent to a U.S. high school diploma and English translation (if applicable)

2. Transfer Applicant

A transfer applicant is defined as a student who has attended a college, university or post-secondary institution (either in or outside the U.S.), since graduating from high school or receiving its equivalent GED/HSE. Students who file a transfer application may qualify for advanced standing credit for completed coursework. To be eligible for admissions students must be in good standing at their home college. In addition, they must meet CUNY's standards of retention as a condition for admissions. Application fee is \$70.

Internationally-educated transfer students must submit their applications directly to the University Applications Processing Center (UAPC).

Requirements to Apply:

- One item listed above* to prove the completion of high school or equivalent
- Sealed official college transcripts from all colleges attended, regardless if you are seeking transfer credit or not
- Sealed official international transcript from non-U.S. college and English translation (if applicable)

3. Visiting/Non-degree Student

A visiting/ non-degree student is defined as a non-matriculated student who enrolls for individual courses, but is not enrolled in a specific curriculum or major. Therefore, the student is not working toward a degree. Visiting/non-degree registration is on a space available basis each semester, and students are not eligible for financial aid. Students can apply four times a year; Fall and Spring sessions I and II (see enhanced semester calendar—inside front cover.) The application fee of \$65 will only be charged if you have successfully registered for a class.

- ▶ Apply online and learn what documents are required to process the non-degree application. Obtain information about immigration status, residency status and restrictions on registering for certain courses: www.laguardia.edu/Admissions/Non-Degree-Applications/
- ▶ Visit LaGuardia's Admissions office and apply in-person.

Applications and information about immigration status, residency status and restrictions on registering for certain courses are available online.

- * All non-matriculated students are required to provide CUNY Assessment Test results or to prove exemption from placement in Basic Skills courses. They are also required to meet all pre- and co-requisites for all courses for which they register unless they receive a waiver from the appropriate academic chairperson.

How to Apply

There are two ways to file an application as a Freshman or Transfer applicant:

1. Apply online: www.laguardia.edu/Admissions/apply-now/
To guide you through the application process and to view additional information you can go to www.cuny.edu and click on Apply to CUNY
2. Visit and apply in-person during Direct Admission.
Please call (718) 482-7206.

To file an application as a **visiting/non-degree student**:

Apply online and learn what documents are required to process the application. Obtain information about immigration status, residency status and restrictions on registering for certain courses: www.laguardia.edu/Admissions/Non-Degree-Applications/

CUNY's Policy on the Submission of Fraudulent Documents in Support of an Application for Admissions.

An applicant for admission to any college of CUNY who submits, as part of an admission application, a document that is found to be fraudulent before an admission decision is made or before the applicant has enrolled shall be barred from enrolling in any college of CUNY for a period of five years. Please be sure to complete a transfer application if you have attended ANY institution

after high school and be sure to list all institutions attended after high school (including those completed outside of the country) regardless if the education is related or not to your college major at LaGuardia. For more information on this CUNY policy refer to <http://www.cuny.edu/admissions/undergraduate/downloads/admissionsfraudfinal9-25-06-4.pdf>

Students Who May Pose a Risk to the College

LaGuardia reserves the right to deny admission to any student if, in its judgment, the presence of that student on campus poses an undue risk to the safety or security of the College or the College community. That judgment will be based on an individualized determination taking into account any information the College has about a student's criminal record and the particular circumstances of the College, including the presence of a child care center, a public school or public school students on the campus.

Immunization

The State of New York requires all students born on or after January 1, 1957 to present proof of immunity against measles, mumps, and rubella (MMR). Acceptable proof of immunization must include two doses of measles vaccine and one dose of mumps and rubella vaccine. All students, both degree and non-degree, who register for six or more tuition units must comply with this law. Additionally, all colleges are required to distribute information about meningococcal meningitis and vaccination to all students enrolled regardless of age. Students are required to submit a signed response form (Meningitis Response Form) to demonstrate receipt of meningococcal disease and vaccine information or a record of the immunization within the past 10 years.

Students who are not in compliance with all the immunization requirements will be excluded from classes and given an administrative withdrawal grade for all classes. Free measles, mumps and rubella immunization clinics through the Health Services Office are offered periodically throughout the year to accommodate the students' obligations. Further information is available from the Health Services Office, MB40, or contact the New York City Department of Health.

University Testing Policies and Procedures

As part of the admissions process at LaGuardia, students are required to demonstrate their competence in reading, writing and mathematics.

In reading and writing, students can do this in the following ways:

1. Have earned a bachelor's degree from an accredited institution.
2. National tests: students who score 480 and above on the SAT verbal portion or 20 or above on the ACT verbal portion demonstrate competence in reading and writing.
3. New York State Regents examination in English: students who achieve a grade of 75 or better demonstrate competence in reading and writing.
4. CUNY Assessment Tests in reading and writing: students who do not achieve appropriate scores on the SAT, ACT or New York State Regents in English are scheduled to take the CUNY Assessment Tests.

The CUNY Assessment Tests in reading and writing include:

1. An untimed computer-based reading skills test.
2. A 90-minute writing sample in essay form.

In mathematics, students can meet the competency in the following ways:

1. Have earned a valid bachelor's degree from an accredited institution.
2. National tests: students who score 500 and above on the SAT or 21 or above on the Mathematics portion of the ACT demonstrate competence.
3. N.Y. State Regents:
 - Score of 70 or higher in Algebra I (Common Core) AND successful completion of the Algebra 2/Trigonometry or higher-level course.
 - Score of 80 or higher in either Integrated Algebra, Geometry or Algebra 2/Trigonometry AND successful completion of the Algebra 2/Trigonometry or higher-level course.
 - Score of 75 or higher in one of the following:
Math A or Math B
Sequential II or Sequential III
4. Take the untimed CUNY Assessment Math Test and meet the minimum score requirements for pre-algebra and algebra.

Students who do not demonstrate competence in these areas are placed in appropriate reading, writing, ESL or math classes based on the results of the CUNY Assessment Tests. At the end of the sequence of developmental courses in reading and writing, students are given an opportunity to take the tests again to demonstrate their competence. Students in developmental math courses will take a departmental exam. Students must pass all basic skills assessment exams or demonstrate competence in all areas in any of the above ways in order to be able to transfer to any of the CUNY senior colleges.

Students who hold a bachelor's degree are exempt from skills testing; however, bachelor degree holders who have been educated in a language other than English will be required to test in reading and writing only. Placement in remedial or development courses

as a result of these tests will be considered part of the student's graduation requirements.

Effective October 1, 2008, transfer students with a 3 credit college level English course with a grade of 'C' or better from an accredited college or university are considered proficient in reading and writing. Transfer students with a 3 credit college-level math course with a grade of 'C' or better from an accredited college or university are considered proficient in math.

The College and the university will communicate to all students what, if any, tests are required for placement. All students must test, or provide appropriate documentation for exemption. Failure to do so will delay admission and registration for classes. Students may test only once prior to the semester in which they are accepted.

For additional resources and testing information, visit the CUNY Testing website at www.cuny.edu/academics/testing.html.

Advanced Standing through Prior Learning Assessment

LaGuardia offers many opportunities for students to obtain academic credit for courses, credentials and life experience. Students may earn up to 30 credits toward their LaGuardia degree.

TRANSFER CREDITS AND TRANSCRIPT EVALUATION

Transfer students admitted to degree or certificate programs may transfer to LaGuardia credits earned at other accredited colleges or universities either in the U.S. or the equivalent earned outside the U.S. for courses that are comparable to those offered at LaGuardia. Transfer credits are evaluated by the Transfer Credit Office, C102 prior to or during the first semester of attendance in a degree program at LaGuardia. The maximum number of credits to be granted toward the degree is 30 and 10 toward a certificate. Transfer or freshmen status is determined by the student at the time of application and cannot be changed after a student registers at LaGuardia.

In general, for courses to be transferred, a grade of C or better must have been earned or, if the course was taken at another unit of CUNY, a grade of D or better must have been earned. Courses accepted for transfer credit are not included as part of any student's grade-point average (GPA).

Selective Transfer Credit Policy: LaGuardia Community College currently offers selective transfer course credits to students who transfer to LaGuardia. The selective transfer policy allows for up to 30 transfer credits that apply to the student's major.

Students who transfer science credit for sequential courses must transfer both parts to receive the science credit. This applies to the following science courses:

SCB201/SCB202 – Fundamentals of Biology I & II
SCB203/SCB204 – Human Anatomy & Physiology I & II

Transfer credit will not be awarded for laboratory science courses taken more than seven years prior to starting at LaGuardia.

Students are cautioned that they must make satisfactory academic progress as a condition of financial aid. Repeated courses do not count in cumulative totals of credits completed to meet financial aid requirements. Students admitted into Nursing, Occupational Therapy Assistant Program, Physical Therapist Assistant, Practical Nursing, Radiologic Technology or Veterinary Technology programs will be awarded credit for transferable courses with earned grades of A, B or C from any accredited college. All courses on the approved course list for each of these majors from their program handbooks will transfer unless a student specifically requests in writing the “first semester only (Session I & II)” for a course not to transfer so it may be repeated here. However, once you deselect a course(s) it can’t be undone. Requests can be filed with the Transfer Credit Office located in the Admissions Office room C102 or by E-mail: creditevaluation@lagcc.cuny.edu

Transfer credits for “clinical” courses: Nursing Occupational Therapy Assistant, Physical Therapist Assistant and Veterinary Technology clinical phase courses will not be awarded. These departments follow the general transfer policies in all other ways.

Transfer credits in cooperative education: Transfer credit may be granted for cooperative education courses completed at another college. The number of credits transferred may not exceed three. The chairperson of Cooperative Education makes the determination of equivalency.

Transfer credits in English: Transfer credits may be awarded for college-level English courses taken at post-secondary institutions in the U.S. and English-speaking countries. Results of the City University of New York’s ACT placement exam affect the transferability of English courses. English credits are not awarded for a college-level English course taken at post-secondary institutions in countries where English is not the primary language.

Transfer credits in foreign languages: Students who have taken an elementary-level foreign language course at another institution and wish to receive transfer credits must complete an intermediate-level course before transfer credit will be awarded.

Transfer credits in health education: Transfer credit may be granted for coursework in health education taken at other institutions of higher education. The Natural and Applied Sciences Department will be responsible for approving transfer credits in health education.

Transfer credits in mathematics: Transfer credit will be awarded for the equivalent of statistics, pre-calculus or better provided the student has met LaGuardia’s passing standard on the math skills assessment test. Those students with a math skills assessment test score below our minimum standard will be required to take remedial courses in order to receive transfer credit for their prior math courses, unless a waiver of the remedial course is granted by the Mathematics Department.

Transfer and the New Student Seminar: The New Student Seminar provides an orientation to LaGuardia, a forum for academic

planning and advisement, and teaches skills imperative to academic success. All students are required to complete the New Student Seminar during their first semester at LaGuardia. Transfer credit will not be awarded for another school’s orientation course.

Transfer credits in religious studies: Transfer credit may be granted for theological or religious courses where those courses come under the heading of philosophy. The chairperson of the Humanities Department shall make this decision.

Transfer credits in remediation: Transfer credit will not be granted for any remedial, developmental-level, or ESL courses previously taken at another college. Based on test results, LaGuardia may require students to retake basic skills courses passed elsewhere. Missing or failing skills assessment test scores could delay or prevent you from receiving a complete evaluation. This is why it is imperative for all students, including transfer students, to take the CUNY Assessment Tests—or, if the student is transferring from another unit of CUNY, to submit passing placement test scores or re-test at the time of admission to LaGuardia. See the Test Policy section to determine if you meet any of the requirements for exemption.

If you have any questions about your transfer credit evaluation, please visit room C102 or call (718) 482-6103.

STANDARDIZED EXAMINATIONS

The College offers a variety of ways to obtain credits through standardized examinations.

The College Board: LaGuardia is a member institution of the College Entrance Examination Board, participating in both the Advanced Placement and CLEP programs.

Advanced Placement: Students presenting scores of 4 or above will receive appropriate credit. To be awarded credit, you must send an official score report to LaGuardia Community College, Office of Admissions.

College Level Examination Program: Credit is granted at the discretion of individual academic departments in conjunction with the Transfer Credit Office. Check with the Transfer Credit Office, C102, or call (718) 482-6103 prior to registering for an exam for more information or to obtain a brochure. To be awarded credit, you must be matriculated, earn a score deemed passing by the American Council on Education, and have an official score report sent to LaGuardia Community College (code 2246).

Evaluation of Noncollegiate Educational Programs (pre-evaluated training, credentials, certificates, and licenses): Credit may be granted for formal courses and educational programs sponsored by non-collegiate organizations such as work related courses and formal military training recognized by the **National Program on Noncollegiate Sponsored Instruction (PONSI)** now called **National College Credit Recommendation Service (National CCRS)**. For details on what is available, you can visit <http://www.nationalccrs.org/>.

EXEMPTION CREDIT

Exemption credit from any credit course offered at LaGuardia may be granted on the basis of an examination or a project equivalent to the final requirement of the course. Equivalencies are determined by the faculty of the appropriate department and must be approved by the chairperson. To receive credit by exemption, the student should apply to the appropriate chairperson or designee.

The maximum number of exemption credits that can be counted towards a LaGuardia degree is 10. These 10 exemption credits may be applied toward LaGuardia's 30-credit residency requirement for a degree; a maximum of 6 credits may be applied toward a certificate.

Note: Exemption credits are awarded to degree students only.

VETERAN'S CREDIT FOR MILITARY SERVICE

Veterans enrolled in degree programs (matriculated) who have been honorably discharged from the United States military may qualify for unrestricted elective credit. The veteran must have been in active service for more than 90 days and must have completed at least one semester at LaGuardia Community College with a cumulative GPA of 2.00 or higher. Unrestricted elective credits will be awarded based on length of active service according to the following scale:

- less than 3 months = none
- 3 months through 12 months = 2
- 12 months through 24 months = 4
- 25 months or more = 6

Veterans who qualify under the above mentioned guidelines should present Form DD214 to C371, for review.

Special Learning Opportunities

LaGuardia offers a number of special learning opportunities to students prior to starting college, during their college careers as well as during the summer.

PRIOR TO COLLEGE

New Student Orientation: My First Day

College Life is an ongoing process of learning and adapting. Get the tools you'll need to not just survive –but thrive, at LaGuardia's Orientation for New Students. This is one day on campus you do not want to miss!

You'll meet with Orientation Leaders in small groups where you will begin your on-campus network, lay-out your transition to college life, and create your plan to overcome any life challenges. New Student Orientation sessions are scheduled at least one week before the start of the Fall 1 and Spring 1 sessions.

First-Year Institute

These immersion programs are designed for newly admitted students prior to their first semester. They provide an opportunity for students to get a headstart on their college experience by taking, at no cost, a basic skills course, receiving tutoring, and meeting with counselors. The program offers courses in the areas of English, ESL, reading, and math. In addition there are also prep, critical thinking, and learning strategies classes.

The immersion programs are coordinated by the Academic Affairs. For further information call (718) 482-5395 or stop by room M402.

DURING COLLEGE

Accelerated Study in Associate Program

The Accelerated Study in Associate Program (ASAP) began in the fall of 2007 and is sponsored by the Mayor's Office of New York City. The goal of ASAP is to graduate 50% of its students within two to three years by offering academic and financial support.

All ASAP students must be New York City residents, enroll full-time (12 credits in session I and 3 credits in Session II minimum) in an ASAP-approved major, maintain a minimum of a 2.0 GPA, have completed the FAFSA application and have no more than two developmental course needs and participate in ASAP blocked course scheduling. Continuing and transfer students must meet the program eligibility criteria and have no more than 15 credits at the start of the program.

ASAP students meet in one-on-one appointments with their personal Academic Advisor to receive academic and programmatic advisement, as well as referrals to resources on campus. The ASAP Career Employment Specialist assists students by providing career counseling, workshops, resume building and interview preparation.

ASAP sponsors co-curricular, social enrichment activities, tutoring and academic enrichment workshops throughout the year to promote academic development and the success of its students.

Learning Communities

The College offers several types of Learning Communities throughout the academic year: Academy Clusters, New House, and Liberal Arts.

These communities are thematically linked by faculty who have created the courses. The learner is engaged to make connections across disciplines. Learning communities provide learners with an enriched experience as well as a supportive and friendly environment. The Academy Clusters and New House communities are reserved for new students during their first semester. The Liberal Arts Clusters are for students who have reached the ENC/G101 level and who will major in the Liberal Arts AA program.

Students must register for all courses in the Learning Community and cannot drop or withdraw from individual courses in the community.

Bridges to the Future Program

The Bridges to the Future Program provides opportunities for minority students to gain research experience in science, mathematics, or computer science areas. Working closely with faculty mentors, students execute challenging research projects, attend unique student research seminars, and receive specialized counseling and other support services. In addition to research, the program facilitates transfer of community college students to further study in biomedicine and the sciences.

College Discovery (CD) Program

Room B236 (718) 482-5270

Website: www.laguardia.edu/cd/

Email: college_discovery@lagcc.cuny.edu

The College Discovery Program, available at CUNY's community colleges, provides eligible students with concentrated and specialized counseling, remedial instruction, tutorial services and financial aid stipends for educational expenses. CD Students who complete a degree are eligible to continue the same benefits in SEEK, EOP, HEOP programs in CUNY, SUNY and private four year colleges as well as in graduate schools in SUNY upon a completion of a Bachelor's degree.

In accordance with the state education law and CUNY policies, students are eligible for admission to the College Discovery Program if they meet the following criteria:

- ▶ Are economically disadvantaged
- ▶ Graduated from an approved high school or attained a New York State high school equivalency diploma (GED) or its equivalent
- ▶ Did not previously attend a college or university, and
- ▶ Resided in New York City for at least one year prior to the first day of classes

Program services include a special new student orientation session, a New Student Seminar section devoted specifically to CD students, individualized counseling as well as specialized CD counseling groups, workshops and tutorials.

Note: Applicants for the College Discovery Program will only be considered if they complete the College Discovery portion of the City University Undergraduate Freshman Application at the time they make initial application to the University.

College Discovery certification is determined by completing financial aid forms: the Free Application for Federal Student Aid (FAFSA) and the Financial Aid Supplemental Information Request (FASIR).

CUNY COPE Program

Room: MB13 Phone: (718) 482-5479

Website: www.laguardia.edu/cope/

Email: cope@lagcc.cuny.edu

The College Opportunity to Prepare for Employment (COPE) program is funded by and operated in collaboration with the Family Independence Administration of City of New York Human Resource Administration (HRA). Services are available to anyone who is a current or former CUNY student or applicant, and who

is receiving public assistance cash benefits Temporary Assistance to Needy Families, Safety Net Family Assistance, and Safety Net Single Assistance. COPE offers a variety of services that help students meet college degree goals and HRA requirements so that they can graduate and get jobs that will lead to long term economic self-sufficiency.

Support Services Available

- Assistance with accessing appropriate childcare and transportation needs
- Preparation for HRA appointments; meeting workfare requirements
- Job preparation and job placement
- Information mailing and seminars
- Legal assistance on HRA issues

Job Placement Services

This service is available to any CUNY student who is currently pursuing either an Associate or a Baccalaureate Degree and is currently receiving Public Assistance benefits.

Services include

- Assistance with resume preparation
- Full or Part time job openings in wide variety of fields (focused and related to career path)
- Interview and career preparation
- Attendance at career events
- Job Open Houses; Seminars; Job Fairs
- Workshops and seminars

LaGuardia AMP

LaGuardia AMP (Alliance for Minority Participation) is a participating institution of the New York City Alliance (NYC-AMP) program that is sponsored by a grant from the National Science Foundation. The LaGuardia AMP's goal is to ensure long-term capacity to produce significantly greater numbers of underrepresented students in science, mathematics, and engineering.

Full-time students who are citizens or permanent residents and members of underrepresented groups are eligible for AMP research assistantships. Students are invited to apply based on academic performance and will be required to take part in an interview as part of the application process.

Financial support is provided for participation in this program. Stipends for students who transfer to a participating CUNY senior college will be continued.

For more information or to request an application, contact the LaGuardia activity coordinator in M412 or call (718) 482-5648.

Honors Program

M222 (718) 482-5658 www.lagcc.cuny.edu/honors
email: honorsprog@lagcc.cuny.edu; kkoh@lagcc.cuny.edu

LaGuardia Community College's growing Honors Program is designed to provide a rigorous and rich academic experience for talented, intellectually curious, motivated, and ambitious students. One of the fundamental goals of the Honors Program is to prepare students to be successful graduates and transfer students.

Honors courses are smaller in size, and emphasize critical thinking, intensive analytical writing, speaking and research skills, including the use of primary source material and information literacy. These classes give students the tools to be successful in four-year colleges. Honors students also receive mentoring and advisement from Honors faculty.

Students with at least 12 completed credits and a minimum GPA of 3.2 are eligible to register for Honors courses. There are two ways to participate in the Program:

1. Enroll in an Honors course and get an "Honors course designation" on your transcript after completing the course and a "Certificate of Completion" at the annual Honors Ceremony.
2. Participate in the Honors Program Concentration. If you are a Liberal Arts (AA or AS) or Business (AS or AAS) student, you may take fuller advantage of the Program by completing 7 Honors courses (20-22 credits) to graduate from the Honors Program.

Study Abroad Program

The Study Abroad Program provides LaGuardia students with an opportunity to earn up to six academic credits while gaining invaluable experience living in a country and culture different from their own.

Eligible students are invited to apply for study abroad where the City University of New York has programs. Most programs offer humanities and social science courses. Countries of destination include, but are not limited to, Denmark, Dominican Republic, Ecuador, England, Germany, Greece, Ireland, Puerto Rico, Senegal, and Spain. It is possible to do internships or clinical fieldwork abroad, depending on the student's major and upon approval of the internship/clinical fieldwork advisor. Applications for study abroad are due by December 1st. The selection process takes place in January.

In order to apply for participation in the Study Abroad Program, students must:

1. Have an overall GPA of 3.0 or higher
2. Have completed at least 24 credits
3. Have finished all basic skills requirements
4. Have completed all prerequisites for course/internship/clinical fieldwork to be done overseas
5. Be recommended by a faculty member
6. Go through the selection process

For further information, students may contact the director of the Study Abroad Program at (718) 482-5218.

Supplemental Instruction

Supplemental Instruction, a non-remedial peer tutoring program available at the College since 1993, provides free tutoring in high-risk or difficult courses. Courses in biology, human biology, microbiology, calculus, statistics, and accounting have been targeted as Supplemental Instruction courses. These courses have a tutor or student leader assigned to them. This student, who has already successfully completed the course, attends all classes and arranges a minimum of three weekly group tutoring sessions. The sessions are designed to help students improve their grades. To date, the average grade of students who have participated in Supplemental Instruction is one half to one full letter grade higher than students who do not participate.

When registering for a course or receiving advisement, ask if there is a Supplemental Instruction session being offered. For additional information, please call (718) 482-5637.

ADDITIONAL OPPORTUNITIES

Enriched Off-Campus Summer Programs

The Vassar College "Exploring Transfer" Program is a five-week summer program designed to give qualified LaGuardia students the opportunity to explore their transfer opportunities while experiencing education at a four-year residential college. Students enroll in two interdisciplinary courses team-taught by LaGuardia and Vassar faculty, earning six academic credits. In addition, special transfer counseling is provided, as well as social and recreational activities. All expenses are paid for students. Since 1985 over 225 LaGuardia students have benefited from this award-winning program, going on to continue their education at outstanding colleges such as Vassar, Columbia, Yale, Middlebury, New York University, Clark and Smith.

CUNY BA/BS Program

Established in 1971, the CUNY Baccalaureate Program (CUNY BA/BS) is the only University-wide alternate degree program that allows students, working with faculty mentors, to design a program of study tailored to their unique individual academic interests and goals. Students may take courses at any of CUNY's 17 colleges and at The Graduate School. The program is administered by The City University of New York Graduate Center.

The CUNY BA/BS Program accepts up to 60 transfer credits earned at a community college toward the 120 credits needed for the degree. Qualified LaGuardia students can be in the CUNY BA/BS Program at the same time that they are taking courses at LaGuardia toward their associate's degree. To be eligible for admission to the program students need 15 college credits and a GPA of at least 2.50. For further information contact the CUNY BA/BS Program at (212) 817-8239.

Tuition and Fees

THE COST OF EDUCATION

Cost is an important consideration for most students when they are deciding which educational program is best suited to their goals and aspirations.

The following information will help students calculate the cost of attending LaGuardia Community College. By performing some basic calculations, students can develop their own "student budget."

Generally, a student budget consists of the direct educational costs of tuition, fees, books and supplies, as well as those costs incurred by virtue of attendance, such as for transportation and lunch. In addition, all students have costs related to recreation and personal expenses.

DEVELOPING A BUDGET

Students who depend on some other person to provide a substantial portion of their support are generally defined as dependent students. For these students, the costs, defined below, represent the total out-of-pocket costs that result from college attendance.

For self-supporting students, who do not depend upon some other person for support, the out-of-pocket costs must be considered in addition to the regular cost of living, which students incur as a result of being dependent upon their own resources. A general description of these living costs is described below.

TYPICAL EXPENSES

The following is an estimated cost of education-related expenses students are likely to incur for a 12-month period. It is possible that during students' internship semester, their salary may cover some expenses. Most students receive some form of financial assistance to help meet these expenses.

Dependent and Certain Independent Students

Dependent students, those who receive assistance from family or other sources, can expect to pay \$5,217 in annual tuition and fees. In addition, the following costs are estimated for the 2015-16 academic year: books and supplies \$1,364, transportation \$1,020, personal and lunch items \$1,816, and room and board \$5,358.

Independent Students

Independent students and dependent students living away from home for 12 months during the 2015-16 academic year can expect the following expenses in addition to \$5,217 tuition and fees: books and supplies \$1,364, transportation \$1,020, personal and lunch items \$4,208 and room and board \$13,669.

Tuition

All fees and tuition charges listed in the College catalog and in any registration material issued by the College are subject to change by action of the university's Board of Trustees without prior notice. In the event of any increase in the fees or tuition charges,

payments already made to the College will be treated as partial payments and notification will be given of the additional amount due and the time and method of payment. Tuition is the sum of monies per term or semester which is required to be paid or satisfied prior to the first day of classes in order for a student to be considered enrolled. Students who do not settle their tuition bill by the established College due date may have their registration canceled the day after the due date. If you register during Late Registration, you must pay any amount due upon receipt of your registration bill, including a \$25 late registration fee. If payment is not made immediately, a \$15 late payment fee will be assessed.

In the event of an overpayment, the appropriate amount will be refunded.

NOTICE: If you do not make full payment on your tuition and fees and other college bill(s) and your account is sent to a collection agency, you will be responsible for all collection costs, including agency fees, attorney fees and court costs, in addition to whatever amount(s) you owe the college.

In addition, non-payment or a default judgment against your account may be reported to a credit bureau and reflected in your credit report.

TUITION PER SEMESTER

Students must pay their tuition and fees or settle their accounts by the scheduled due date. Students' financial aid may be used to cover all or part of the total amount due.

QUALIFICATION FOR IN-STATE TUITION

Undocumented students may benefit from a 2001 New York State law that expanded the definition of who can qualify for resident tuition while attending a CUNY college. The law allows students, including undocumented students, to pay resident tuition if they:

- Were enrolled in CUNY for the Fall 2001 semester, and qualified for in-state tuition at that time; or
- Attended a New York State high school for two or more years, graduated, and applied to attend a CUNY institution within five years of receiving a New York State diploma; or
- Attended an approved New York State program for the GED exam preparation, received a Graduate Equivalency Diploma (GED) from New York State, and applied to attend a CUNY institution within five years of receiving the New York State GED.

Individuals qualifying based on the 2001 state law are eligible for in-state tuition even if they have not resided in New York State for one year. To take advantage of the resident tuition rate, undocumented immigrants must file a notarized affidavit (Affidavit of Intent) stating that they have applied to legalize their status, OR that they will apply to do so as soon as they are eligible. A copy of this form can be obtained through the Office of Admissions Services.

New students should submit the affidavit to the Office of Admissions Services located in C102. Students who choose to file the form after enrolling can obtain and submit the affidavit to C107.

All documents, including Affidavits must be filed prior to the last day of the semester. Petitions filed after this date will be considered for the following semester.

New York City Resident and New York State Residents with a valid certificate of residence from the county that you reside in:

Full-time matriculated students (12-18 units)	\$2,400.00/semester
Part-time matriculated students (fewer than 12 units)	\$210.00/unit
Non-degree students	\$265.00/unit

Non-New York City Residents, international (F-1 visa) students or undocumented students who are ineligible for residency tuition rates:

Full-time and part-time matriculated students	\$320.00/unit
Non-degree students	\$420.00/unit

Subject to change by the action of the CUNY Board of Trustees

CUNY BA/BS Program Students

Tuition and student activities fees for all students in the CUNY Baccalaureate Program are billed for and collected by the Bursar at their home college. Students are billed according to the fee schedule in effect at their home college.

Permit Students

All tuition and student activities fees are payable to the “home” college in accordance with its fee schedule. No additional payment of tuition or fees is required at the host college where the course is taken.

Tuition Waivers

Staff members of City University, including professional staff, instructional staff, and Gittleson employees (with six months of employment prior to the first day of classes), are permitted to enroll in undergraduate courses on a space-available basis, tuition-free.

Tuition Payment Plan Option:

Nelnet Payment Plan is an interest-free monthly payment plan. Enrollment Fee is \$40.00 per semester plus initial down payment. To enroll, log into CUNYfirst select Student Center and click on the Enroll/Manage Payment Plan link under the Finances section. For additional information, please go to <http://www.mycollegepaymentplan.com/cuny>. You may also visit the Bursar’s website at laguardia.edu/bursars.

TAP

Students who have paid their full tuition prior to receiving award notification from the Tuition Assistance Program (TAP) are entitled, if in full attendance at the College, to a refund in the amount of the TAP award notification.

A refund check will be mailed to the address on file in CUNYfirst. Please make sure your records are up-to-date on your CUNYfirst account.

TUITION REFUNDS

All tuition refunds are calculated according to the date that the student drops a course or courses. Non-instructional fees are non-refundable, except when courses are cancelled by the College, a student’s registration is cancelled by the College, or the student enters military, Peace Corps or VISTA service (Please refer to section on Military, Peace Corps and VISTA Refunds).

Students who drop courses from their record during the change of program period are entitled to a refund according to the following schedule:

Fall and Spring 12-Week Session-I

100%	Before the first day of classes.
75%	Within six calendar days from the scheduled session start date.
50%	Between the 7th and 12th calendar days from the scheduled session start date.
25%	Between the 13th and 17th calendar days from the scheduled session start date.
None	Beyond the 17th calendar day from the scheduled session start date.

Fall and Spring 6-Week Session-II

100%	Before the first day of classes.
50%	Within five calendar days from the scheduled session start date.
25%	Between the 6th and 9th calendar days from the scheduled session start date.
None	Beyond the 9th calendar day from the scheduled session start date.

In cases of medical leaves of absence, the refund is calculated according to the last day of attendance.

Military, Peace Corps and VISTA Refunds

The following guidelines govern all applications for refunds for students withdrawing from the College for service in the military, Peace Corps or VISTA. Please visit the Bursar’s Office in room C110 for assistance.

Military service must be documented with a copy of induction orders or military orders. Service in the Peace Corps or VISTA must be documented with appropriate letters or other evidence.

No refund will be made for any course in which a student has been assigned a grade, regardless of whether the grade is passing or failing.

If a student has enlisted in the armed services, the Peace Corps or VISTA, does not attend classes for a sufficient time to qualify for a grade, but continues in attendance within two weeks of induction, refund of tuition and fees, except for the application fee, will be made as follows:

Withdrawals before the fifth calendar week after scheduled opening of session, 100% refund; withdrawals thereafter, 50% refund.

Other Refunds

All other non-tuition refunds to which a student may be entitled will be processed in a timely manner.

Withdrawals and the Complete Return of Title IV funds

During the first 60% of the term, students earn Title IV funds in proportion to the time they are enrolled. If a student receives more aid than he/she earned, the unearned portion must be returned to the Department of Education. If a student receives less aid than the amount earned, he/she may be eligible for a late disbursement.

The portion of aid the student is entitled to receive is based on a percentage obtained by comparing the total number of days in the semester to the number of days completed by the latest withdrawal. For example, if you complete 20% of the semester, you have earned 20% of your Title IV aid. If you received 100% of your Title IV aid, you would have to return the unearned portion.

Students who remain enrolled beyond the 60% point of the term are considered to have earned all their aid and do not have to return any Title IV funds.

Fees

STUDENT FEES

Each student must pay student fees according to the schedule outlined below. Student fees are paid each semester and are not refundable.

Full-time Students (12 or more equated credits)

Student Activity Fee: \$67
Consolidated Services Fee: \$15
University Senate Fee: \$1.45
Technology Fee: \$125

Part-time Students (less than 12 equated credits)

Student Activity Fee: \$26
Consolidated Services Fee: \$15
University Senate Fee: \$1.45
Technology Fee: \$62.50

Senior citizens (60 or older)

Consolidated Fee: \$15
Administrative Fee (per session): \$65

Non-instructional Fees

Freshman Application: \$65
Transfer Application: \$70
New non-degree application: \$65
Late Registration: \$25
Late Payment Fee: \$15
Program Change: \$18
Transcript: \$7 (*transcript sent free to CUNY; cash or money order for all others.*)
Readmission: \$20
Reinstatement: \$20
Penalty Fee for issuance of bad check: \$15
Duplicate Diploma: \$15
Duplicate ID: \$10

Duplicate Bursar's Receipt: Copy of Schedule: \$5
Locker per year: \$1

Special Examination

First examination: \$15
Each additional examination: \$5
Maximum each session: \$25

Reserve Materials

First hour overdue: 50¢
For the rest of the day: 50¢
For each succeeding day: 50¢ (to maximum of \$10)

Lost or Damaged Materials

Overdue fines, accumulated to the date reported, and replacement costs of the materials, plus a \$5 processing charge.

CHANGE OF PROGRAM AND WITHDRAWAL REGULATIONS

A fee of \$18 will be charged each time a program change is made during the Late Registration period. The \$18 charge will cover one or more changes made at the same time as follows:

1. Addition of a course or courses
2. Changing from one course to another
3. Changing from one section of a course to another section of the same course

Waiver of Change of Program Fee

No Change of Program Fee will be charged if any one of the following conditions is met:

1. The College cancels or withdraws a course, whether or not the student substitutes another course
2. The College changes the hours of the course or makes other substantive changes that provide the student with justification for a change
3. The College requests that the student transfer from one section to another section of the same course or
4. The College cancels the registration of the student for academic, disciplinary or other reasons

Financial Aid

We make every effort to help students finance their LaGuardia education. Student Financial Services is located in C107 and is staffed by professional advisors and specialists who assist students in securing financial aid. What follows are descriptions of state and federal programs that are available to eligible students. All students seeking financial aid must complete the Free Application for Federal Student Aid (FAFSA), available online at www.fafsa.ed.gov. If you need assistance with completing your application, please visit the Resource Center located in C109. If there is a question about eligibility for one of these programs, the student or prospective student should see a financial aid advisor.

Federal Financial Aid Programs

Students may enroll full-time in the twelve week session or have the option to take a combination of courses in both the twelve week and second six week session. Students must register up front for the second session at the same time they register for courses in the twelve week session for financial aid. Financial aid eligibility is determined by Financial Aid Certification Day; please refer to the 2016-2017 Academic Calendar.

Federal Pell Grants

Application Procedures: The completed FAFSA application takes at least 72 hours to process (Once the application is processed an email will be sent to you). The amount of the applicant's award is determined from the 2016-2017 Student Aid Report (SAR) by the Department of Education. Upon enrollment, funds are applied to the student's tuition account.

Selection of Recipients and Allocation of Awards: The Federal Pell Grant is an entitlement program. Eligibility and award amounts are based on financial need and academic progress. The applicant must demonstrate financial need and must attend classes.

Financial need is determined by a formula applied to all applicants annually by Congress. The Expected Family Contribution (EFC) is calculated by this formula. You can find the Expected Family Contribution Pell Chart.

Award Schedule: 2016-2017 awards range from \$299.00 to \$2,907.50 per semester. The amount of the award will be affected by costs of attendance and full- or part-time enrollment status. The Federal Pell award does not duplicate state awards.

Rights and Responsibilities of Recipients: Students must continue to make satisfactory academic progress in the degree program in which they are enrolled. Students must not owe any refunds on Federal Pell grants or other awards paid, or be in default on repayment of any Federal student loans.

The schedule of award payments is available on the college's website at www.lagcc.cuny.edu/financialaid (Disbursement Dates), and also in Student Financial Services (C107).

Students must attempt 24 credits during the academic year in order to earn the full Federal Pell award, or take qualifying remedial courses which equal 12 or more units. Therefore, enrollment status for Federal Pell is as follows: full-time, 12 credits (or equivalent); 3/4 time, 9 through 11.5 credits (or equivalent); 1/2 time, 6 through 8.5 credits (or equivalent); and less than half time, 1.0 through 5.5 credits (or equivalent).

Federal Supplemental Educational Opportunity Grants (FSEOG)

Selection of Recipients and Allocation of Awards

The applicants must:

- 1) Have exceptional financial need and
- 2) Be enrolled at least half-time.

Award Schedule: Awards can range from \$175 to \$350 per year in 2016-2017.

Rights and Responsibilities of Recipients: The student must continue to make satisfactory academic progress, and meet all the requirements for the Pell Grant.

Federal Work-Study Program (FWS)

Selection for Recipients and Allocation of Awards: The student must file a 2016-2017 FAFSA application and indicate interest in participating in the Federal Work-Study Program. The applicant must be enrolled at least half-time.

Employment is available to all eligible students on and off-campus who are awarded Federal Work-Study. In the event that more students are eligible for FWS than there are funds available, preference is given to students who have greater financial need. Students must complete the Federal Work-Study orientation with the Student Financial Services Office before they receive a packet/contract to work.

Award Schedule: Students are provided with resources to find jobs on campus or off-campus, with public or private nonprofit agencies, such as hospitals, for up to 20 hours a week, based on the availability of funds.

Factors considered by the Office of Student Financial Services in determining whether, and for how many hours, the recipient may work under this program are: financial need, class schedule, and academic progress.

Hourly rates for the 2016-2017 award year starts at \$11 per hour and vary depending on the position.

Rights and Responsibilities of Recipients: Satisfactory academic progress must be maintained, and all the requirements for the Pell Grant must be met.

Federal Perkins Loan (FPL)

The Department of Education has begun a wind-down of the Federal Perkins Loan program. For the 2016-2017 award year only students with prior Perkins loans may be considered for a subsequent Perkins Loan. There are additional new requirements that have been placed on the Perkins loan so it appears only a small number of former Perkins loan borrowers may be eligible for a 2016-2017 Perkins Loan. Perkins Loans carry a fixed interest rate of 5% for the duration of the ten-year repayment period.

Federal Direct Loan Program

Application Procedures: The Direct Loan Processing Form application is made through CUNYfirst student services center. You must have a valid 2016-17 FAFSA on file. You will also need to complete a Loan Entrance Counseling and a Master Promissory Note (MPN) online at www.studentloans.gov.

Eligibility Requirements: To be eligible for a Federal Direct Loan, a student must be: 1) a U.S. citizen or permanent resident alien; 2) enrolled in or admitted as a matriculated (at least half-time) student; 3) that the student is not in default, does not owe an overpayment on a Department of Education grant or loan, and has not exceed the annual or aggregate loan limits.

Loan Schedule: The loan amounts vary and are based on class year. Students are eligible for a full interest subsidy on a Direct Subsidized student loan during the time he/she is in school at least half-time, and for a following six-month Grace-period before repayment must begin. The student is responsible for paying the interest on a Direct Unsubsidized student loan during all periods.

The annual loan limits are:

- \$3,500 combined Direct Subsidized and/or Direct Unsubsidized plus \$2,000 additional Direct Unsubsidized for dependent first year undergraduates (less than 30 credits);
- \$4,500 combined Direct Subsidized and/or Direct Unsubsidized plus \$2,000 additional Direct Unsubsidized for dependent second year undergraduates (over 30 credits).

Rights and Responsibilities for Recipients: Students may borrow at a relatively low fixed interest rate of 3.76% for 2016-2017 academic year. The interest rate changes every July 1st. An "origination fee" of 1.069% of the loan amount is subtracted.

There is no repayment as long as they remain enrolled at least half-time, which is defined as taking a minimum of six credits per semester.

Students will have a six-month grace period before payments are required to begin. During this period, they will receive repayment information from the loan servicer, and will be notified of their first monthly payment. After a student depletes the grace period of his/her prior taken loans, student has only 60 day window before starting the repayment on prior loans. Any new received loans will have 6 month grace period. The following regulations apply:

- 1) Depending on the amount of the loan, the minimum monthly payment may be at least \$50.00 plus interest. Under unusual and extenuating circumstances the loan servicer, on request, may permit reduced payments by awarding a deferment or forbearance.
- 2) The repayment period varies and is dependent upon the repayment plan chosen. For example, the Standard Repayment Plan has a maximum period of 10 years, and the Income Contingent Payment Plan has a maximum period of 25 years.
- 3) Repayment in whole or part may be made at any time without penalty.

Direct Plus Loan for Undergraduate Students (PLUS)

The PLUS loan enables either biological or adoptive parents of dependent undergraduate students to borrow up to the cost of education. Costs that may be covered include: tuition and fees, room and board, books, transportation, and an allowance for personal expenses. The maximum loan amount is the student's cost of attendance (determined by the school) minus any other financial aid received. Fixed interest rates for 2016-2017 are currently 6.31% and change every July 1st. An "origination fee" of 4.276% of the loan amount is subtracted.

Application is made by visiting the Student Financial Services office in room C-107. The student must have a 2016-17 FAFSA on file. Parent is subject to a credit check by the Department of Education and may be required to complete the PLUS Counseling online at www.studentloans.gov.

Repayment of the loan begins once your loans are fully disbursed. Borrowers have 10 years to repay.

Foundation Scholarships

The LaGuardia Community College Foundation provides scholarships ranging from \$500 to \$5,000 to students based on financial need, academic performance, community service, and extracurricular activities. Scholarship applications are accepted on a rolling basis, so students needing financial assistance are encouraged to apply. To apply for a Foundation scholarship visit, www.laguardia.edu/Scholarships/.

Academic Requirements for Federal Aid (Title IV)*

Federal regulations stipulate that a student at LaGuardia Community College may remain eligible to receive Title IV assistance upon achieving at least a "C" average, or its equivalent according to the College's retention policy, and by accumulating credits toward the degree according to the following standards:

1. A student's earned credits are equal to or greater than two-thirds of the credits the student has attempted at the institution.
2. The credits a student has attempted are not more than 150% of the credits normally required for completion of the degree.

Students not meeting the above criteria may request a Financial Aid Satisfactory Academic Progress Appeal through the Financial Aid SAP Committee. The decision of the committee is final.

Special Value Courses: To be eligible to receive Title IV, you must, according to federal guidelines, be "making significant progress toward your degree," meaning that you must be earning credits at a sufficient rate. The federal guidelines for achieving full-time status in a semester do allow you to include, along with credits, the tuition units of the "special value" courses, but there is a limit: after you have registered (and received Title IV money) for 30 or more "special value" tuition units, Title IV programs will not pay for any additional "special value" courses. For example, if you register for Basic Writing 099 and Math 095, those two courses count for a total of 10.0 "special value" tuition units. If those units are used in calculating your Title IV award for the semester, you will have 20.0 "special value" tuition units remaining in your account.

If, however, you register for other, "non-special value" courses, which make you full-time without using the "special value" tuition units, you would still have 30 "special value" tuition units in your account.

Once you have used up your 30 "special value" tuition units, you can only receive Title IV money for "non-special value" courses. Any future awards will be based on the credit values of regular

credit courses only. It is therefore to your advantage to try to take “special value” courses along with regular courses, if you have met the prerequisites.

Note: Although ESL courses are listed as “special value” courses, those courses do not count toward the Title IV maximum.

Additional Regulations: For Federal Pell awards, students not yet 24 years old by January 1st must prove their independence if they claim to be independent of their parents. They must also have unusual circumstances, which must be documented.

Students are reminded that attendance is a requirement for receiving financial aid. Failure to attend classes may result in a reduction or loss of financial aid. If students charge tuition and/or books and do not attend classes, they are still liable for the costs and will be billed accordingly.

Permanent residents who have not had their status confirmed by Homeland Security must submit a copy of their permanent resident card. Students who have an I-94, with the following endorsements, are no longer eligible for Federal Pell, Federal Work-Study, FSEOG or Federal Perkins: a) Adjusted Applicant, b) 245, c) 245 Applicant, d) Applicant for Permanent Residence, e) Voluntary Departure, and f) Deferred Action.

* *subject to revision*

State Financial Aid Programs

CUNY students applying for the following programs must complete the TAP/APTS application as well. Applicants will be directed to the TAP website after they have filed a FAFSA online.

Tuition Assistance Program

Application Procedures: Applicants must complete the TAP application.

The Higher Education Services Corporation (NYSHESC) determines the applicant’s eligibility and notifies the applicant directly of their eligibility.

Selection of Recipients and Allocation of Awards: The Tuition Assistance Program is an entitlement program based on financial need.

The applicant must:

1. Be a United States citizen or eligible non-citizen
2. Be a legal resident of New York State
3. Study full time (at least 12 credits per semester) at an approved postsecondary institution in New York State
4. Have graduated from a U.S. high school, or have a GED, or have passed a federally-approved exam Ability-to-Benefit (ATB)
5. Be matriculated in an approved program of study and be in good academic standing
6. Be charged at least \$200 tuition per year
7. Not be in default on a student loan guaranteed by HESC and not be in default on any repayment of state awards
8. Meet income eligibility limitations
 - If dependent, have a NYS net income below \$80,000
 - If independent, have a NYS net income below \$10,000

The current definition of independent status is as follows:

1. Thirty-five years or older on June 30, 2016; or
2. Twenty-two years or older on June 30, 2016 and not
 - a) a resident in any house, apartment, or building owned or leased by parents for more than 2 consecutive weeks in calendar years 2013, 2014 or 2015.
 - b) claimed as a dependent by parents on their federal or state income tax returns for 2014 and 2015.
3. Under 22 years of age on June 30, 2016, and meeting all other requirements of (2) above, and able to meet at least one of the following requirements:
 - a) Both parents deceased, disabled or incompetent
 - b) Receiving public assistance other than Aid as a Dependent Child (ADC) or food stamps
 - c) Ward of a court
 - d) Married on or before December 31, 2015

Undergraduate students may generally receive TAP awards for four years of study. Students enrolled in approved five-year programs may receive awards for more than a total of eight years of undergraduate and graduate study. For LaGuardia, a two-year associate degree college, you may only receive up to six tap payments.

Award Schedule: The amount of the TAP award is scaled according to level of study, tuition charge, and net taxable income. The income measure is the family’s (or independent student’s) New York State net taxable income, and (for dependent students) support from divorced or separated parents. This income is further adjusted to reflect other family members enrolled full time in post-secondary study.

Academic Requirements for State Aid

When NYSHEC notifies you of the TAP award, this is an estimate award that will be applied to your tuition at registration. Each semester the TAP Certifying Officer reviews your academic record to determine if you are eligible to receive the TAP award based on rules and regulations established by the State Education Department.

In order to maintain eligibility for state aid, students must be:

- registered as full-time.
- registered for courses required for their major.
- making satisfactory academic progress and program pursuit. In each semester, if they wish to receive an award, they must meet the following standards in the semester prior to the current payment:
 - academic progress: successfully pass a specified number of credits and
 - achieve a specified cumulative grade point average (see chart below).

	First Payment in 2006-07 through & including 2009-10 and for students who meet the definition of "Remedial Student" in 2010-11 and thereafter		First Payment in 2010-11 and thereafter for Non-Remedial Students	
PAYMENT #	CUMULATIVE CREDITS EARNED	CUMULATIVE GPA	CUMULATIVE CREDITS EARNED	CUMULATIVE GPA
1	0	0	0	0
2	3	0.5	6	1.3
3	9	0.75	15	1.5
4	18	1.3	27	1.8
5	30	2.0	39	2.0
6	45	2.0	51	2.0

- Pursuit of Program: Students must have completed a certain minimum number of credits or equated credits. See chart below:

To be eligible for Payment #	A student must have completed this number of credits in the prior term:
1	0
2	6
3	6
4	9
5	9
6	12

“Remedial student” is defined as a student: (a) whose scores on a recognized college placement exam or nationally recognized standardized exam indicated the need for remediation for at least two semesters, as certified by the college and approved by the New York State Education Department (SED); or (b) who was enrolled in at least six semester hours of non-credit remedial courses, as approved by SED, in the first term they received a TAP award; or (c) who is or was enrolled in an opportunity program (HEOP, EOP, SEEK, and CD).

In addition to the academic requirements described, students must also meet certain residency requirements, citizenship requirements, have graduated from a U.S. high school or have a GED or have passed a federally-approved exam (ATB), and financial program criteria.

Students who do not meet the criteria will be decertified for the following semester. Students may, however, file an appeal through the Academic Standing Committee. The decision of the committee is final.

Part-Time TAP Program (PTAP)

Many students in the past, because of family and/or employment obligations, could not attend college full-time. Part-time students may be eligible for assistance from New York State.

A student is eligible for participation in the (PTAP) program if he/she meets the following criteria:

- Satisfies all program requirements for Tuition Assistance Program awards except the full-time attendance requirement
- Enrolled as a first-time freshman during the 2006-07 academic year or thereafter
- Earned 12 credits or more in each of the two consecutive semesters
- Has a cumulative grade-point average of at least 2.0 and is enrolled for at least 6 but less than 12 credits, in an approved undergraduate degree program Contact Student Financial Services to see if you qualify.

Aid for Part-Time Study (APTS)

Application Procedures: Application is made through the CUNY Financial Aid Supplement form. This program is open to eligible students who meet income requirements and who are taking 6.0 to 11.5 credits. Students must make academic progress toward a degree in accordance to the NYS TAP/APTS program pursuit and academic progress requirements and must not have exhausted TAP eligibility. Since funds are restricted, applicants are advised to apply early.

Other Grants, Scholarships and Awards (New York State Residents)

- ▶ AmeriCorps Education Award
- ▶ Child of Veteran Award
- ▶ Flight 587 Memorial Scholarship
- ▶ Memorial Scholarships (for children, spouses and financial dependents of deceased firefighters, volunteer firefighters, police officers, peace officers and emergency medical service workers)
- ▶ Military Service Recognition Scholarship (MSRS)
- ▶ NYS Scholarship for Academic Excellence
- ▶ New York Lottery Leaders of Tomorrow Scholarship
- ▶ NYS Volunteer Recruitment Service Scholarship
- ▶ Regents Professional Opportunity Scholarship
- ▶ State Aid to Native Americans
- ▶ Veterans Tuition Award (veterans of Vietnam, the Persian Gulf and Afghanistan)
- ▶ World Trade Center Memorial

Information about grants, scholarships and awards available to New York State residents can be found at <https://www.hesc.ny.gov/>

College Discovery (CD)

Application Procedures: Application is made by completing the appropriate section of the admission form available from the Admissions Office, and returning the form to the University Application Processing Center of The City University of New York. The free application for Federal Student Aid (FAFSA), the NYS TAP application and CUNY Financial Aid Supplement form must also be completed. Students must be registered as full-time students.

Award Schedule: The amount of financial assistance and other support provided to CD participants is dependent on financial need as determined by the CUNY Office of Student Financial Assistance and/or the individual college CD programs, within State guidelines.

Veterans Benefits

The Office of Veterans Affairs, C371, provides a full range of counseling services for the veteran population. The Veterans Coordinator provides information regarding all of the benefits available to veteran students and assists with any other problems encountered while attending the College. The programs available to veterans are:

Veterans Tutorial Benefits: To be eligible for tutorial benefits, veterans must be receiving monthly benefits on at least a half-time basis and have a deficiency in their program subject. A veteran is entitled to 12 months of tutorial benefits to a maximum of \$100 per month.

Veterans Work Study: Veterans work-study allowance is available to persons training at least 3/4 time basis under certain Veterans programs. They must meet the eligibility requirements for that program. Veterans may work during or between periods of enrollment. The total number of hours worked can't be more than 25 times the number of weeks in the enrollment period.

For a complete listing of programs and for additional information regarding the Veteran work-study allowance please visit their website at www.benefits.va.gov/gibill/workstudy.

Vocational Rehabilitation: This is available to veterans who have at least a 20% disability rating from the Veterans Administration and includes payment for tuition, fees, and a monthly stipend. Full-time and part-time veteran students are eligible.

Benefits for Dependents of Veterans: There are numerous programs available to dependents of disabled veterans. For more information about these programs, please visit the Office of Veterans Affairs.

Important Notice Regarding Monthly Verifications:

Veterans will need to complete the Veteran's Web Automated Verification of Enrollment (WAVE) process each month to continue to receive monthly benefits payments. The WAVE process can be submitted by calling their toll-free number at (877) 823-2378 (toll free) OR by logging onto www.gibill.va.gov/wave. If you want to use one of the methods above and do not want to receive verifications in the mail each month, call (888) GI-BILL1 and to make the request.

Veterans Administration Educational Benefits

*Montgomery G.I. Bill—Active Duty (Chapter 30)

Application Procedure: Application forms are available at all VA offices, active duty stations and American embassies.

Eligibility Requirements: Individuals entering military service on or after July 1, 1985, have their basic military pay reduced by \$100 a month for the first 12 months of their service, in order to be eligible for this educational assistance program. Individuals eligible for the old G.I. Bill (Chapter 34) as of December 31, 1989, who meet certain eligibility criteria may also be eligible but do not have their basic pay reduced. Persons who, after December 31, 1976, received commissions as officers from service academies

(e.g., West Point, the Naval Academy, etc.) or ROTC scholarship programs are not eligible for this program: Montgomery G.I. Bill — Selected Reserve (Chapter 1606, Title 10, U.S. Code). Contact the Veterans Office for individual specific eligibility requirements.

Chapter 1606 of Title 10, U.S.C., Educational Assistance for Members of the Selected Reserve, is also referred to as the Montgomery G.I. Bill-Selected Reserve. Since July 1, 1985, DVA has held benefit payment responsibility, although the funding of educational assistance payments under this program is provided by the Department of Defense.

Monthly Rates: The rates of educational assistance allowance payable under Chapter 1606 for pursuit of a program of education are:

\$367 per month for full-time pursuit
\$274 per month for three-quarter time pursuit
\$182 per month for half-time pursuit
\$91.75 per month for less than half time pursuit

(These rates are subject to change by the Department of Veteran Affairs)

Entitlement/Monthly Rates: Veteran Education Benefit Entitlements will depend on the Veteran program you apply for and on your level of eligibility tied to your length of service, nature of discharge, and enrollment. For current information on education benefits under your Veteran program, refer to the Veterans website at www.benefits.va.gov/gibill/education_programs. The Reserve Education Assistance Program (REAP) Chapter 1607 provides education assistance to Guard and Reservists who have

served 90 days or more in a contingency operation after September 11, 2001.

Application Procedure: Applications are available online through the VA website at www.benefits.va.gov/gibill/veap.

Eligibility requirements: 1. Must have been called to active duty under federal authority for a contingency operation as determined by Congress or the President; 2. Must have served on active duty in a contingency operation for at least 90 continuous days after September 11, 2001; and 3. Must remain within your component to use benefits. The 35 months of full time entitlement begin after the 90-day minimum service is completed. There is no time limit for using benefits provided the individual remains within their component. Once the individual leaves their component or is discharged (except for disability), eligibility for REAP benefits ends. This information is subject to change by the Department of Veteran Affairs. For additional information refer to their website at www.benefits.va.gov/gibill/reap.asp.

The Post-9/11 GI-Bill

The Post-9/11 GI Bill provides financial support for education and housing to individuals with at least 90 days of aggregate service on or after September 11, 2001, or individuals discharged with a service-connected disability after 30 days. You must have received an honorable discharge to be eligible for the Post-9/11 GI Bill.



ALVARO CORZO / LAGUARDIA COMMUNITY COLLEGE

ACADEMIC PROGRAMS

LaGuardia Community College provides its students with a wide range of learning opportunities in the areas of personal growth, academic achievement and career preparation. To meet these goals, the College has created a variety of academic programs. For students who are uncertain about their career goals, LaGuardia has excellent Liberal Arts programs. The College offers programs leading to three degrees: the Associate in Arts (AA), the Associate in Science (AS), and the Associate in Applied Science (AAS). In addition, the College offers four Certificate programs. The programs of study include:

ASSOCIATE IN ARTS

Liberal Arts: Childhood Education Option
Communication Studies
Education Associate: The Bilingual Child
Human Services
Liberal Arts: Social Sciences and Humanities
 Childhood Education Option
 Deaf Studies Option
 Early Childhood Education Option
 History Option
 International Studies Option
 Japanese Option
 Journalism Option
 Latin American Studies Option
 Media Studies Option
 Music Option
 Political Science Option
 Secondary Education-Teacher Education Transfer Option
Philosophy
Psychology
Spanish-English Translation
Writing and Literature
 Creative Writing Track

CERTIFICATE PROGRAMS

Commercial Photography
Computer Network Administration & Security
New Media Technology/Media Arts Certificate
Practical Nursing

ASSOCIATE IN SCIENCE

Accounting
Biology
Business Administration
 Aviation Management Option
 Healthcare Management Option
Computer Science
Criminal Justice
Dietetic Technician
Engineering Science:
 Civil Engineering
 Electrical Engineering
 Mechanical Engineering
 Earth System Science and Environmental
 Engineering Option
Environmental Science
Fine Arts
 Design Studies Option
Liberal Arts: Mathematics and Science
 Actuary Science
Theatre
Therapeutic Recreation

ASSOCIATE IN APPLIED SCIENCE

Commercial Photography
 Fine Arts Photography Option
Computer Operations: Network Administration & Security
Computer Technology
Energy Technician
Foodservice Management
Industrial Design
Music Recording Technology
New Media Technology
Nursing
Occupational Therapy Assistant
Paralegal Studies
Paramedic
Physical Therapist Assistant
Programming and Systems
Radiologic Technology
Travel, Tourism, and Hospitality Management
Veterinary Technology

ACCOUNTING

<http://www.laguardia.edu/accounting>

The Accounting Program, administered by the Business and Technology Department, leads to an Associate in Science (AS) degree. The Program provides a solid foundation in accounting and liberal arts for students who plan to transfer to a four-year college to earn a Bachelor's degree in Accounting.

The AS Accounting Program is designed to maximize transfer credit to senior colleges such as Baruch College and Queens College. The program includes a selection of accounting and business courses, and an internship that will provide valuable learning experiences and an opportunity for future contacts and work.

Accountants are highly respected professionals. They are in demand from all sectors of our economy including large corporations, government agencies, small businesses of all kinds, and individuals who need advice on investments or taxes. Exciting, well-paid career options exist in finance, entertainment, sports, criminal investigations, the food and fashion industry, international trade, retail and forensic accounting. Accountants can go into business for themselves or work for others.

Businesses, large or small, public or private, seek accounting professionals to manage and analyze financial matters. Through a study of the field of accounting you can learn the skills you need to become one of those professionals, and a two-year degree will place you well on your way to an accounting career.

Students who need additional skill development in reading, writing, mathematics, and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on the basic skills requirements, see page 197. Descriptions of courses in the major can be found on page 101.

Accounting Curriculum: AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life and Physical Sciences: 3 credits

<i>Select one of the following:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 credits

18

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issue
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

BTF101 First Year Seminar for Business	2
BTA111 Principles of Accounting I	4
BTA112 Principles of Accounting II	4
BTA201 Intermediate Accounting I	3
BTA202 Intermediate Accounting II	3
BTC200 Introduction to Information Systems	3
BTI121 People, Work & Organizations	3
BTI201 Business Internship	2
BTM101 Introduction to Business	3
BTM110 Business Law I	3

TOTAL CREDITS: 60

BIOLOGY

<http://www.laguardia.edu/biology>

The Biology Program, offered by the Natural Sciences Department, leads to an Associate in Science (AS) Degree. The Program is articulated with York College and students will be able to transfer all 60 credits. In addition, students will be able to transfer to other CUNY four-year institutions.

The goals of the Biology Program are:

- ▶ To introduce students to hypothesis-driven science and hands-on research through required coursework and supervised research laboratory internship.
- ▶ To connect students, biology, and lived experience through an integrated curriculum
- ▶ To prepare students for successful transfer to a four-year college and ultimately graduate or medical school

An important aspect of the Biology curriculum is that students will have the opportunity to participate in hands-on research. All Biology majors will take Fundamentals of Biotechniques — a course in which students will perform common laboratory techniques as well as learn the concepts behind these techniques. The most exciting aspect of this course will be designing experiments and interpreting the data collected, while learning how to conduct research responsibly. All Biology majors will also complete their Cooperative Education internships with one of LaGuardia's faculty, with faculty at a senior college, or at a laboratory. The goal is to place students in a research laboratory where they will participate in conducting a research project. Students are advised to take this Cooperative Education internship after having taken Fundamentals in Biotechniques. The capstone course for Biology Majors is Cell Biology. Here, students will conduct a small research project in class, and give oral presentations that will be deposited into their capstone electronic portfolios (ePortfolios).

Students graduating LaGuardia with an AS in Biology will be able to transfer and enroll in upper-level Biology courses without difficulty at an articulating four-year college such as York College. The Biology curriculum at LaGuardia is modeled after a curriculum that students attending a four-year college would be expected to take during the first two years of study. LaGuardia graduates will have completed several general education requirements and several science requirements needed for completion of a Bachelor's Degree in Biology: a year of general biology (a pre-requisite for upper-level biology courses at senior colleges), a year of general chemistry and a year of organic chemistry. Students will showcase selected assignments and accomplishments in a Biology ePortfolio that can include in their admissions application and share with potential faculty mentors at a specific senior college.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the College placement test determine the particular courses students must successfully complete.

For more information on the basic skills requirements, see page 197. Descriptions of courses in the major can be found on page 181.

Biology Curriculum: AS Degree

PATHWAYS COMMON CORE: 32 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 4 credits

SCB201 Fundamentals of Biology I (STEM)	4
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B. FLEXIBLE CORE: 19 credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World Students are required to select SCB202 (Fundamentals of Biology II, 4cr)

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Natural Sciences

NSF100 First Year Seminar for Natural Sciences	2
SCB252 Fundamentals of Biotechniques	3
SCB255 Cell Biology	4
SCC201 Fundamentals of Chemistry I	4
SCC202 Fundamentals of Chemistry II	4
SCC251 Organic Chemistry I	5
SCC252 Organic Chemistry II	5

Unrestricted electives: 3 credits	3
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TOTAL CREDITS:	62
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BUSINESS ADMINISTRATION

<http://www.laguardia.edu/BusinessAdministration>

The Business Administration Program, which is coordinated by the Business and Technology Department, leads to an Associate in Science (AS) degree, and offers an option in Aviation Management. It is designed to provide a solid foundation for transfer to a senior college for those students intending to continue their education at the baccalaureate level immediately after graduation. A key objective of the program is to maximize transfer credit at senior colleges. Students who are interested in immediate employment upon graduation should find the Business Management program more suited to their needs, since it is designed to allow more flexibility in the selection of business courses.

Students enrolled in the Business Administration program will be able to complete internships from numerous job opportunities available through LaGuardia's Cooperative Education Department. These work experiences enable the student to bridge the gap between classroom theory and practical applications in the business world and provide valuable experience for choosing a career and subsequent full-time employment.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the College placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 104.

Business Administration Curriculum: AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following:	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

Select one course from the following:	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

BTF101 First Year Seminar for Business	2
BTA111 Principles of Accounting I	4
BTA112 Principles of Accounting II	4
BTC200 Introduction to Information Systems	3
BTI121 People Work & Organizations	3
BTI201 Business Internship	2
BTM101 Introduction to Business	3
BTM103 Principles of Management	3
BTM104 Principles of Marketing	3
BTM110 Business Law	3

TOTAL CREDITS: 60

BUSINESS MANAGEMENT

www.laguardia.edu/majors

Not accepting new majors at this time.

OR

AVIATION MANAGEMENT OPTION

PROGRAM CORE: 30 CREDITS

BTF100 First Year Seminar for Business	2
BTA111 Principles of Accounting I	4
BTA112 Principles of Accounting II	4
BTC200 Introduction to Information Systems	3
BTI121 People Work & Organizations	3
BTI201 Business Internship	2
BTM110 Business Law	3
BTV160 Introduction to Aviation Business	3
BTV161 Introduction to Aviation Management	3
BTV162 Introduction to Aviation Operations	3

TOTAL CREDITS: 60

OR

HEALTHCARE MANAGEMENT OPTION

PROGRAM CORE: 30 CREDITS

BTF101 First Year Seminar for Business	2
BTA111 Principles of Accounting I	4
BTA112 Principles of Accounting II	4
BTM103 Principles of Management	3
BTM110 Business Law I	3
BTO125 Medical Terminology	3
BTO170 Electronic Health Records	3
BTO270 Health Insurance: Billing & Reimbursement	3
BTO280 U.S. Healthcare Administration & Delivery	3
SCN195 Community Health	2

TOTAL CREDITS: 60



PAUL KATZ / LAGUARDIA COMMUNITY COLLEGE

COMMERCIAL PHOTOGRAPHY

<http://www.laguardia.edu/commercial-photography>

The Commercial Photography Program, offered through the Humanities Department, offers both an Associate in Applied Science (AAS) degree, and/or a one-year certificate.

The one-year Certificate curriculum emphasizes basic and intermediate photography skills and is an excellent introduction to commercial laboratory techniques. It is particularly suited to individuals interested in seeking employment in a commercial photography lab. Students will learn to process color transparencies and color negative film, and print color photographs using professional automated equipment. In addition to color photography, the curriculum involves the student in intensive traditional black-and-white photography techniques including photo chemistry, lighting, mathematics, and basic techniques of the commercial photographer.

The two-year AAS degree program is designed to train and qualify graduates for entry-level positions in the commercial photography industry. The first year of the program is almost identical to that of the certificate curriculum. In the second year, the student concentrates on advanced concepts and techniques of commercial photography, including 4x5 camera, electronic flash and tungsten illumination.

The program also offers two additional paths of study, in addition to the traditional Commercial Photography Program: the Digital Photography and Fine Art Photography Options.

FINE ARTS PHOTOGRAPHY OPTION:

The Photography Program, in conjunction with the Fine Arts degree Program, also offers a Fine Arts Photography option within the Commercial Photography degree. This option is not only a counterpoint to the specifically commercial nature of the photo degree, certificate, and Digital option, but is a response to overwhelming interest in photography as an art form shown by inquiring students in both majors. The Fine Arts option focuses on traditional techniques, their integration with digital technology, and the development of the conceptual building blocks required to make a fine art statement.

Students will also receive essential information on business practices, self-promotion, portfolio development and how to secure employment as either a photographer's assistant or staff photographer. Additional courses focus on content, such as color theory, computer art (graphics, necessary as an introduction to digital imagery), two-dimensional design and photojournalism. This AAS degree is also an excellent vehicle through which to transfer to a variety of four-year colleges with professional programs in photography.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 167.

Commercial Photography Certificate Curriculum

Counseling

New Student Seminar 0

English: 3 credits

Composition I ENC/G101 3

Humanities: 6 credits

Public Speaking HUC106 3

Choose one of the following courses: 3

Introduction to Design HUA104

Color Theory HUA115

Introduction to Computer Art HUA125

Math, Engineering & Computer Science: 3 credits

Liberal Arts Elective 3

Natural Sciences: 3 credits

Topics in Chemistry SCC101 3

Commercial Photography: 15 credits

Beginning Photography HUA130 3

Intermediate Photography HUA230 3

Studio Lighting I HUA145 3

Color Photography HUA234 3

Color Darkroom Techniques HUA235 3

Unrestricted Electives: 3 credits 3

TOTAL CREDITS: 33



KRISTIAN LARROTA / LAGUARDIA COMMUNITY COLLEGE

Commercial Photography Curriculum: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life and Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 9 Credits*

*Select three courses from the flexible core categories below.
Note: Only one course may be selected from a category and
select courses from three different disciplines.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

**Additional Common Core courses will be required when
transferring to a CUNY College. To complete the degree
requirements from the Flexible Core, students are advised
to select courses from the recommended course selections
listed on the program website.*

PROGRAM CORE: 39 CREDITS

Counseling

New Student Seminar	0
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Humanities

HUC106 Public Speaking	3
HUA202 History of Photography	3

Select two of the following: 6

HUA104 Introduction to Design	3
HUA115 Color Theory	3
HUA125 Introduction to Computer Art I	3
HUA155 The View Camera	3
HUA231 Digital Photography II	3
HUA238 Alternative Photography	3

Commercial Photography

HUA130 Beginning Photography	3
HUA131 Digital Photography I	3
HUA230 Intermediate Photography	3
HUA145 Studio Lighting I	3
HUA245 Studio Lighting II	3
HUA234 Color Photography	3
HUA275 Commercial Photography Workshop	3
HUA280 Commercial Photography Seminar	3
HUN191 Photojournalism	3

TOTAL CREDITS:

60

OR

FINE ARTS PHOTOGRAPHY OPTION	
Counseling	
New Student Seminar	0
Humanities: 9 credits	
HUA202 History of Photography	3
<i>Select two of the following: 6</i>	
HUA104 Introduction to Design	3
HUA115 Color Theory	3
HUA126 Computer Art II	3
<i>Select one of the following: 3</i>	
HUN191 Photojournalism	
HUN192 Art and Society	
Fine Arts Photography	
HUA103 Beginning Drawing	3
HUA125 Computer Art I	3
HUA130 Beginning Photography	3
HUA155 The View Camera	3
HUA230 Intermediate Photography	3
HUA234 Color Photography	3
HUA238 Alternative Photography: The Manipulated Image	3
HUC240 Video Production Workshop	3
Unrestricted Electives: 3 credits	3
<hr/>	
TOTAL CREDITS:	60

COMMUNICATION STUDIES

<http://www.laguardia.edu/communication-studies>

The Communication Studies Program strives to combine both the theoretical framework and the practical skills of communication. Coordinated by the Humanities Department, the Communication Studies Program leads to an Associate of Arts (AA) degree with five areas of concentration: Public Relations, Speech Pathology, Mass Communication, Organizational Communication, and Public Address. Using participatory learning, students work to enhance their oral, written, and critical thinking skills. Emphasis is placed on communication in social, professional, culturally diverse settings, in the context of a multimedia, globalized world. The aim of the Communication Studies Program is to assist students in transferring to four-year colleges or to begin a career in a related industry.

Communication is an area of study that focuses on the ways in which individuals communicate via different channels. Communication scholars have conducted research and developed theories in order to improve our ability to predict human interaction and perform communicative acts effectively and appropriately. Students majoring in the Communication Studies program will be able to choose a concentration among the following five tracks: Public Relations, Speech Pathology, Mass Communication, Organizational Communication, and Public Address.

The Public Relations concentration focuses on preparing students to master knowledge in all forms of communication in the public arena, whether for political, commercial, or social purposes. After completing the program, students may transfer to communication programs in four-year colleges, or embark on career paths in areas such as public relations, negotiation and mediation, sales, advertising, human resources, politics, law, marketing, and counseling. Speech Pathology students will specialize in fundamental knowledge of the speech mechanism and receive competency-based training in the field of Speech Pathology. Students in the Speech Pathology concentration will need to complete their Bachelor's and also their Master's degree to become certified speech-language pathologists. Speech pathologists can work in educational institutions, hospitals, nursing homes, or the private sector. The concentration in Mass Communication focuses on the history of media studies as well as hands-on techniques (e.g., LaGuardia Community College's web radio station) in creating and producing media work. Mass Communication students may transfer to a four-year college or develop their careers in electronic media, radio/television, broadcasting, film industries, and journalism (via companion courses in the English Department). The Organizational Communication concentration focuses on preparing students how to communicate in workplace teams, explore the meaning of work, practice the communication skills that they will need to do well at

any job, and market themselves in the changing economy. Organizational Communication students may transfer to a four-year college or develop their careers in education, government, business, human resources, and industry as well as consulting and training. The concentration in Public Address focuses on how to win arguments and how to persuade other ethically and effectively. Students will learn to become a more critical participant in democratic society and to use argumentation and persuasion to change policy, set precedents, or operate democratically in the world. Public Address students may transfer to a four-year college or develop their careers in law, education, public affairs, and speech writing for political figures.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the College placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 162.



DANIELLE SALTIEL / LAGUARDIA COMMUNITY COLLEGE

Communication Studies: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one course from the following</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline

PROGRAM CORE: 30 CREDITS

Counseling

New Student Seminar	0
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Communication

HUC101 Fundamentals of Communication	3
HUC106 Public Speaking	3
HUC111 Interpersonal Communication	3
HUC230 Communication Theory	3
HUN180 Intercultural Communication	3

Select two of the following courses

HUC104 Voice and Diction	
HUC108 Communication in a Professional Setting	
HUC113 Oral Interpretation	
HUC117 Communication and Technology	
HUC118 Gender and Communication	
HUC119 Nonverbal Communication	
HUC140 Introduction to Broadcasting	
HUC192 Health Communication	

Unrestricted elective: 3 credits

Concentration Area: (select one)

PUBLIC RELATIONS

HUC141 Public Relations	3
<i>Select one of the following courses</i>	3
HUC142 Public Relations Writing	
HUC143 Public Relations Campaigns	

SPEECH PATHOLOGY

<i>Select two of the following courses:</i>	6
HUC/ELL114 Normal Language Development	
HUC115 Phonetics	
HUC116 Survey of Speech, Language and Hearing Disorders	

MASS COMMUNICATION

HUC120 Mass Media and their Evolution	3
HUC130 Mass Communication and Society	3

ORGANIZATIONAL COMMUNICATION

HUC112 Small Group Communication	3
HUC151 Organizational Communication	3

PUBLIC ADDRESS

HUC109 Argumentation and Debate	3
HUC136 Persuasion	3

TOTAL CREDITS:

60

COMPUTER PROGRAMS

www.laguardia.edu/majors

In 2008, the programs of the Computer Information Systems Department were reorganized. No program was eliminated. Programs were assigned to different academic departments. The program descriptions that follow indicate the new department to which the offerings are assigned.

All programs and options award students an Associate in Applied Science (AAS) degree, except for the Computer Science Program, which awards the Associate in Science (AS) degree and the Certificate in Digital Media Arts.

Computer Science:

MATHEMATICS, ENGINEERING AND COMPUTER SCIENCE DEPARTMENT

The major in Computer Science is appropriate for those students interested in mathematics and/or computer science who plan to transfer to a senior college for further study in computer science. Graduating students will be prepared for careers as programmers for business and/or scientific applications.

Programming and Systems:

MATHEMATICS, ENGINEERING AND COMPUTER SCIENCE DEPARTMENT

The Programming and Systems curriculum provides training for entry-level jobs as well as for transfer to a senior college as a business or information sciences major. Graduates of this program may qualify for positions as programmers or programmer trainees.

Computer Operations - Computer Network Administration and Security Option:

MATHEMATICS, ENGINEERING AND COMPUTER SCIENCE DEPARTMENT

This option will provide graduates with a thorough knowledge of network operating systems, thereby enabling graduates to support fully client/server environments. In addition, students will be prepared to take certification examinations in UNIX and Windows.

Computer Technology:

MATHEMATICS, ENGINEERING AND COMPUTER SCIENCE DEPARTMENT

This curriculum provides the skills needed for careers in a rapidly growing technical area. Students will be prepared for careers as field engineers specializing in microcomputer repair and network diagnosis. Students will be prepared to transfer to a bachelor of technology program at a senior colleges.

Computer Technology - Telecommunications Option:

MATHEMATICS, ENGINEERING AND COMPUTER SCIENCE DEPARTMENT

Not accepting new students.

New Media Technology:

HUMANITIES DEPARTMENT

The New Media Technology curriculum prepares students for varied careers in new media including webmaster, multimedia applications developer, Internet programmer, streaming video and digital film producer. Students have a choice of specialization between Multimedia Design and Web Programming.

For more information on basic skills requirements, see page 197. Descriptions of courses in this major begin on page 156.

Computer Operations Curriculum: AAS Degree

COMPUTER NETWORK ADMINISTRATION & SECURITY OPTION

PATHWAYS COMMON CORE: 27 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following:

MAT119 Statistics with Elementary Algebra (depending on placement scores)	3
MAT120 Elementary Statistics (STEM)	3

Life and Physical Sciences: 3 credits

Select one of the following courses:	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 15 credits

Select one course from each of the five flexible core categories.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

Additional Common Core courses will be required when transferring to a CUNY College

PROGRAM CORE: 33 CREDITS

Business and Technology

BTA111 Principles of Accounting I	4
BTM101 Introduction to Business	3

Computer Science

ECF090 First Year Seminar for Engineering and Computer Science	0
MAC109 Introduction to Visual Programming	3
MAC232 UNIX Network Operating Systems	3
MAC233 Windows Network Operating System	3
MAC245 Network and Systems Security	3
MAC246 Advanced Network and Systems Security	3
MAC252 Advanced UNIX	3
MAC253 Advanced Windows	3
MAC293 Computer Repair and Network Maintenance	4

Unrestricted elective: 1 credit	1
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TOTAL CREDITS:

60

Computer Science Curriculum: AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I 3
(ENA101 or ENC101 depending on placement scores)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

MAT115 College Algebra and Trigonometry 3
MAT117 Algebra and Trigonometry
(depending on placement scores)

Life and Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 Credits 18

Select one course from each of the five flexible core categories below and one additional course
World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World - It is recommended that students select MAT200 (Pre-Calculus, 4cr)

Note: Student can select only two courses from any one discipline. Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 30 CREDITS

Math, Engineering and Computer Science

ECF090 First Year Seminar for Engineering and Computer Science	0
MAT201 Calculus I	4
MAT202 Calculus II	4
MAC101 Introduction to Computer Science	3
MAC125 Advanced C/C++ Programming	3
MAC190 Object Oriented Programming	3
MAC281 Discrete Structures	3
MAC283 Computer Organization and Assembly Language	3
MAC286 Data Structures	3
MAT210 Linear Algebra	3
Unrestricted elective: 1 credit	1

TOTAL CREDITS:	60
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Computer Technology: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

MAT115 College Algebra and Trigonometry	3
MAT117 Algebra and Trigonometry (depending on placement scores)	

Life and Physical Sciences: 3 credits

Select one course from the following:

SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 9 credits

Select one course from three of the five flexible core categories

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Note: Student can select only one courses from any one discipline. Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 39 CREDITS

Math, Engineering and Computer Science

ECF090 First Year Seminar for Engineering and Computer Science	0
MAT241 Technical Mathematics I	4
MAT242 Technical Mathematics II	4
MAC241 Computer Electronics I	4
MAC242 Computer Electronics II	3
MAC265 Computer Hardware Interfacing and Programming	3
MAC289 Computer Technology Project Lab	2
MAC291 Computer Logic, Design and Implementation I	4
MAC292 Computer Logic, Design and Implementation II	4
MAC293 Computer Repair and Network Maintenance	4
MAC295 Computer Architecture	4

Business & Technology

BTM101 Introduction to Business	3
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TOTAL CREDITS:	60
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Computer Network Administration & Security Certificate Curriculum

Math, Engineering & Computer Science: 15 credits

UNIX Network Operating Systems MAC232	3
Windows Network Operating Systems MAC233	3
Network and Systems Security MAC245	3
Advanced Network and Systems Security MAC 246	3
Advanced UNIX Administration MAC252	3

TOTAL CREDITS: 15

Descriptions of courses in this major begin on page 172.

Programming and Systems: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

MAT115 College Algebra and Trigonometry	3
MAT117 Algebra and Trigonometry (depending on placement scores)	

Life and Physical Sciences: 3 credits

Select one of the following courses:	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 9 credits

Select one course from three of the five flexible core categories.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Note: Student can select only one courses from any one discipline. Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website

PROGRAM CORE: 39 CREDITS

Math, Engineering and Computer Science

ECF090 First Year Seminar for Engineering and Computer Science	0
MAC101 Introduction to Computer Science	3
MAC109 Introduction to Visual Programming	3
MAC110 Systems Analysis and Design	3
MAC250 Database Concepts and Programming	3

OBJECT ORIENTATED AND UNIX CONCENTRATION

Business and Technology

BTA111 Principles of Accounting I	4
BTM101 Introduction to Business	3

Math, Engineering and Computer Science

MAC125 Advanced C/C++ Programming	3
MAC230 Comparative Operating Systems	3
MAC260 Introduction to Teleprocessing	3
MAT200 PreCalculus	4

Select two of the following:

MAC232 UNIX Network Operating Systems	6
MAC233 Windows Network Operating System	
MAC252 Advanced UNIX	
MAC253 Advanced Windows	
MAC265 Computer Hardware Interfacing and Programming	
MAC293 Computer Repair and Network Maintenance	

Unrestricted Elective: 1 credit **1**

WEB PROGRAMMING CONCENTRATION

Business and Technology

BTM116 Introduction to E-Business	3
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Humanities

HUW111 E-Commerce Technology	3
HUW166 Introduction to Web Development	3
HUW167 Dynamic Web Development	3
HUW168 Advanced Dynamic Web Design	3

Math, Engineering and Computer Science

MAC270 Advanced Topics in Computer Science	3
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Select one of the following course pairs: 6

MAC232 UNIX Network Operating Systems	
MAC252 Advanced UNIX	
or	
MAC265 Computer Hardware Interfacing and Programming	
MAC293 Computer Repair and Network Maintenance	

Students may opt to take the Business Internship (BTI201) in lieu of MAC252, 253, or 293

Unrestricted Electives: 3 credits **3**

TOTAL CREDITS:

60

New Media Technology: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following:

MAT119 Statistics with Elementary Algebra (depending on placement scores)	3
MAT120 Elementary Statistics (STEM)	3

Life and Physical Sciences: 3 credits

Select one of the following courses:

SCB101 Topics in Biological Sciences	3
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE*

9

Select three courses from the five flexible core categories.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline. Additional Common Core courses will be required when transferring to a CUNY College.

PROGRAM CORE: 39 CREDITS

New Media Technology

HUW111 E-commerce Technology	3
HUW112 Introduction to New Media	3
HUW161 Principles of Multimedia and Web Design	3
HUW166 Introduction to Web Development	3
HUW167 Dynamic Web Design	3
HUW269 New Media Project Lab	3

Humanities: 3 credits

Select one of the following courses:

HUN191 Photojournalism	
HUN196 Film and New York City	

Business and Technology: 3 credits

Select one of the following courses:

BTI203 Internship in Emerging Technology	3
BTM116 Introduction to E-Business	3

SMART PHONE APP DEVELOPMENT TRACK: IOS CONCENTRATION

MAC101 Introduction to Computer Science	3
MAC105 Objective C Programming	3
MAC110 System Analysis and Design	3
MAC120 Introduction to Mobile App Development	3
MAC221 App Development for iOS	3

SMART PHONE APP DEVELOPMENT TRACK:

ANDROID CONCENTRATION

MAC101 Introduction to Computer Science	3
MAC190 Object-Oriented Programming	3
MAC110 System Analysis and Design	3
MAC120 Intro to Mobil App Development	3
MAC220 App Development for Android Devices	3

ENTREPRENEURSHIP TRACK

BTM101 Introduction to Business	3
BTM104 Principles of Marketing	3
BTM110 Business Law	3
BTM116 Introduction to e-Business	3
BTM251 Launching New Business Ventures	3

DIGITAL JOURNALISM TRACK

ENG208 Introduction to Digital Journalism	3
ENG209 Advanced Digital Journalism	3
ENG210 Journalism: Its Scope and Use	3

Select two of the following courses:

ENG211 Journalism: The Craft of Gathering and Reporting the News	3
ENG212 Feature Writing for Newspapers and Popular Magazines	3
ENG213 Broadcast Journalism: Writing for Radio	3
ENG274 Creative Nonfiction Workshop	3
ENG277 Creative Writing: New Media Workshop	3

DIGITAL MEDIA TRACK

Select five (5) of the following courses: 15

HUA125 Computer Art 1	
HUA126 Computer Art II	
HUA127 Computer Art III	
HUC240 Video Production Workshop 1	
HUC241 Video Production Workshop II	
HUM146 Music Audio Recording	
HUW160 Topics in New Media	
HUW162 Web Animation and Interactivity	
HUW163 Internet Video	
HUW168 Advanced Dynamic Web Design	
HUW169 Internet Game Design	

GAME DEVELOPMENT TRACK

HUW169 Internet Game Design	3
MAC101 Introduction to Computer Science	3
MAC110 System Analysis and Design	3
MAC125 Advanced C++ Programming	3
MAC280 Game Programming	3

TOTAL CREDITS:

60

CRIMINAL JUSTICE

<http://www.laguardia.edu/Criminal-Justice>

New Media Technology/Media Studies Digital MediaArts Certificate*

Humanities: 27 credits

Introduction to New Media HUW112	3
Principles of Multimedia and Web Design HUW161	3
Web Animation and Interactivity HUW162	3
Internet Video and DVD Development HUW163	3
Introduction to Computer Art HUA125	3
The Art of Film HUC150	3
Video Production Workshop HUC240	3
Video Production Workshop II HUC241	3
American Film HUC270	3

Business and Technology: 3 credits

Introduction to Computers and Their Applications BTC100	3
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Elective: 3 credits

<i>Select one of the following:</i>	3
Introduction to Web Development HUW166	
Music Audio Recording I HUM146	

TOTAL CREDITS: 33

Descriptions of courses in this major begin on page 155.

The Criminal Justice Program, housed in the Department of Social Science, is a Dual/Joint degree program with John Jay College of Criminal Justice. Students can earn either an Associate in Science (AS) degree from LaGuardia Community College or a Bachelor of Arts (BA) degree from John Jay College. This joint program is designed so LaGuardia students earn 45 credits toward the John Jay core requirements and 15 required credits toward the Criminal Justice major. LaGuardia AS graduates with a minimum GPA of 2.0 will transfer seamlessly to the third year of study in the BA program in Criminal Justice at John Jay. Through its Educational Partnership with LaGuardia, John Jay College contributes to student advisement, facilitates professor teaching exchanges and allows students in good academic standing to take courses required for the major at John Jay.

An AS or BA degree in criminal justice opens the door to a wide variety of career opportunities, including law enforcement, corrections, probation, parole, social work, forensics, firefighting, juvenile justice and court administration, just to name a few. Employment prospects for criminal justice positions in New York City are growing at a faster than average rate. Moreover, 60 college credits satisfy the educational requirements for the vast majority of entry-level criminal justice positions in New York City, including police officer (60 credits), correction officer (39 credits) and firefighter (15 credits). Students seeking greater educational opportunities and exposure to a wider range of career choices including forensic science, forensic psychology, criminal justice administration and international criminal justice are encouraged to earn their four-year degree.

Students enrolled in the Criminal Justice program will be able to complete internships at a range of government agencies and non-profit organizations available through LaGuardia's Cooperative Education Department. These work experiences enable the student to bridge the gap between classroom theory and practical applications in the field of criminal justice and provide valuable experience for choosing a career and subsequent full-time employment.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the College placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 186.

Criminal Justice Curriculum: AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following:

MAT119 Statistics with Elementary Algebra (depending on placement scores)	3
MAT120 Elementary Statistics I (STEM)	3

Life and Physical Sciences: 3 credits

SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCP101 Topics in Physical Sciences
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 credits

Select one course from each of the five flexible core categories
AND one additional course from any of the five categories.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

To complete the degree requirements from the Flexible Core,
students are advised to select courses from the recommended
course selections listed on the program website. Note: Student
can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Criminal Justice

CJF101 First Year Seminar for Criminal Justice	3
SSJ101 Introduction to Criminal Justice	3
SSJ201 Criminology	3
SSJ202 Corrections and Sentencing	3
SSJ203 Policing	3
SSN204 Crime and Justice in Urban Society	3

English

ENG103 Writing and Preparing the Research paper	3
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Social Science: 9 credits

SSS100 Introduction to Sociology	3
SSP101 U.S. Power and Politics	3

Select one of the following courses:

SSH101 Themes in American History to 1865	3
SSH102 Themes in American History since 1865	3
SSH103 Western Civilization from Ancient Times to the Renaissance	3
SSH104 Western Civilization from the Renaissance to Modern Times	3
SSH105 World History from Ancient Times to 1500	3
SSH106 World History from 1500 to the Present	3
SSH110 East Asia Civilization and Societies	3
SSH231 Afro-American History	3
SSH232 Survey of Latin American and Caribbean History	3

TOTAL CREDITS:

60

DIETETIC TECHNICIAN

<http://www.laguardia.edu/dietetic-technician>

The Dietetic Technician Program (DTP), coordinated by the Health Sciences Department, leads to the Associate in Science (AS) degree. As the nutrition major on campus the program is designed to educate students in the areas of medical nutrition therapy and dietetics with a focus on the role of human nutrition in health and wellness. Students learn the nutrition care process which includes screening and assessing patients/clients and designing and implementing individualized nutritional intervention strategies for them. Studies within food systems management develops students' competencies in production management, menu development, sanitation and safety principles, and human resources management and supervision. The program provides courses in normal nutrition, food science, medical nutrition therapy, nutrition education methodologies, cultural foods, and foodservice management. The required science courses include human anatomy and physiology and chemistry.

Students complete three required supervised field experience courses in health care facilities and community sites in the New York metropolitan area. These experiences provide students with the opportunity to combine classroom learning with practical work experience. In addition, many service learning activities are available to enhance the students' professional preparation.

Successful graduates are eligible to sit for the dietetic technician registration exam. This exam is administered through the Commission on Dietetic Registration of the Academy of Nutrition and Dietetics. Employment opportunities exist in medical centers, hospitals, extended care facilities, foodservice contract companies, child nutrition programs, and community health programs. Graduates may also enroll in baccalaureate degree programs at various senior colleges. Membership in the Academy of Nutrition and Dietetics and the Dietary Managers Association is also available to program graduates.

The Dietetic Technician Program at LaGuardia Community College is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, USA, (312) 899-0040 ext. 5400.

<http://www.eatright.org/ACEND>.

Special progression standards exist for dietetic technician majors. Students admitted into this program beginning in Fall 2011 are considered to be in the "pre-clinical" phase of the major. To progress to the "clinical" phase, students must meet specific criteria which are described in the program's website. Achievement of the progression standards does not guarantee advancement to the clinical phase.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on basic skills requirements, see page 197.

Additional program information can be found on page 228.

Descriptions of courses in this major begin on page 136.

* Pre-Clinical Dietetic Technician key courses

Note: A student must achieve a grade point average (GPA) of 2.5 or better for these key courses, and an overall GPA of 2.0 or better, in order to apply for candidacy. To remain in the clinical phase, a student must earn a grade of C or better in all major courses. Major courses may be repeated only once. If a successful grade is not earned at the second attempt, a student is no longer eligible to continue in the Dietetic Technician Program.

Dietetic Technician: AS Degree

PATHWAYS COMMON CORE: 21 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I*	3
(ENA101 or ENC101 depending on placement scores)	
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following:

MAT119 Statistics with Elementary Algebra	3
(depending on placement scores)	
MAT120 Elementary Statistics	3

Life and Physical Sciences: 4 credits

SCB203 Human Anatomy and Physiology I (STEM)*	4
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B. FLEXIBLE CORE: 8 credits**

To complete the requirements of the Flexible Core, students are advised to select the following:

Scientific World

SCB204 Human Anatomy and Physiology II (STEM)	4
SCC210 Foundations of Chemistry*	4

PROGRAM CORE: 39 CREDITS

Dietetic Technician

SCD100 Foods	3
SCD107 Careers in Food & Nutrition	1
SCD200 Introductory Nutrition*	3
SCD201 Clinical Nutrition A	3
SCD202 Clinical Nutrition B	3
SCD203 Life Cycle Nutrition	3
SCD206 Applied Dietetics	3
SCD221 Dietetic Field Experience II	2
SCD222 Dietetic Field Experience III	2
SCD250 Production Management	3
SCD251 Principles of Sanitation	2
SCD253 Foodservice Administration	3
SCD260 Dietetic Field Experience I	1
SCD270 Dietetic Seminar I	1
SCN240 Food and Culture	3

Health Sciences

HSF090 First Year Seminar for Health Sciences	0
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Social Science:

SSY101 General Psychology	3
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*Key Courses for Candidacy

** Additional Common Core courses will be required when transferring to a CUNY College.

TOTAL CREDITS:

60



KRISTIAN LARROTA / LAGUARDIA COMMUNITY COLLEGE

EDUCATION

www.laguardia.edu/majors

The Education Program offers three Liberal Arts, Social Sciences and Humanities Options: Early Childhood Education (Birth through Grade 2), Childhood Education (K through Grade 6), and Secondary Education – Teacher Education Transfer (Grade 7-12), coordinated by the Education and Language Acquisition Department. These Options are designed for students who are interested in pursuing teaching as a career and who plan to transfer to the Queens College School of Education for Childhood and Secondary Education, or Brooklyn College School of Education for Early Childhood Education. The Education Liberal Arts Options can lead to admission to Queens College or Brooklyn upon successful completion of LaGuardia's Associate in Arts (AA) degree requirements in Liberal Arts and provide a clearly defined academic path that leads to New York State provisional certification in teaching.

They also ensure that the students' course selections at LaGuardia will satisfy degree requirements at Queens College for Childhood or Secondary Education, and Brooklyn College for Early Childhood Education.

These Options are a response to a predicted teacher shortage nationwide. This shortage is envisioned as being particularly acute among minority teachers, especially in the City of New York. These programs are also designed to respond to the shortcomings within the teaching profession itself by combining a strong Liberal Arts course of study with an early experiential component. These programs provide a broad intellectual foundation and an understanding of the world we live in, its history, diversity and cultures.

Students in the Childhood and Secondary Education Options must have a grade of B or higher in each of the core content areas: Math, Science, Social Studies and English Language Arts, Education Program core courses taken at LaGuardia, and ENG101 or ENG102. Students also must maintain a minimum overall cumulative average of 2.75 in order to begin study in the Elementary and Early Childhood Education program at Queens College. Stu-

dents in the Secondary Education Option must also choose a concentration in one of the following approved content areas:

English Adolescent Education Grades 7-12, World Languages Grades 7-12, Science Adolescent Education Grades 7-12, Mathematics Adolescent Education Grades 7-12. The transferability of grades lower than C is determined by Queens College.

Students in the Early Childhood Education Option must have a grade of C or higher in ENG101 and ENG102, and a grade of B or higher in Education Program core courses taken at LaGuardia. Students interested in transferring to Brooklyn College must complete the AA degree with a GPA 2.80. The transferability of grades lower than C is determined by Brooklyn College.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on the basic skills requirements, see page

197.

Descriptions of courses in this major begin on page 114.



CARLOS FREIRE / LAGUARDIA COMMUNITY COLLEGE

Childhood Education: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

- | | |
|--|---|
| ENG101 English Composition I | 3 |
| (ENA101 or ENC101 depending on placement scores) | |
| ENG102 Writing through Literature | 3 |

Mathematical and Quantitative Reasoning: 3 credits

- | | |
|--|---|
| <i>Select one course from the following:</i> | 3 |
| MAT107 Mathematics and the Modern World | |
| MAT115 College Algebra and Trigonometry | |
| MAT117 Algebra and Trigonometry | |
| (depending on placement scores) | |
| MAT119 Statistics with Elementary Algebra | |
| (depending on placement scores) | |
| MAT120 Elementary Statistics | |

Life & Physical Sciences: 3 credits

- | | |
|---|---|
| <i>Select one course from the following</i> | 3 |
| SCB101 Topics in Biological Sciences | |
| SCB206 Introduction to Neuroscience | |
| SCC101 Topics in Chemistry | |
| SCP101 Topics in Physics | |
| SCP105 Life in the Universe | |
| SCP140 Topics in Astronomy | |

B. FLEXIBLE CORE: 18 Credits 18

*Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*To complete the degree requirements from the Flexible Core,
students are advised to select courses from the recommended
course selections listed on the program website. Note: Student
can select only two courses from any one discipline.*

PROGRAM CORE: 30 CREDITS

Liberal Arts

- | | |
|--|---|
| LIF101 First Year Seminar for Liberal Arts | 3 |
|--|---|

Humanities

- | | |
|---|---|
| HUC116 Survey of Speech, Language and Hearing Disorders | 3 |
|---|---|

Education and Language Acquisition

- | | |
|---|---|
| ELN120 Foundations of American Education | 3 |
| ELE110 Arts in Education | 3 |
| ELE203 Language and Literacy in Childhood Education | 3 |

Modern Language course

3

Social Science

- | | |
|--|---|
| SSY105 Learning and Education | 3 |
| SSH101 Themes in American History to 1865 | 3 |
| SSH102 Themes in American History since 1865 | 3 |

Mathematics, Engineering and Computer Science

- | | |
|--|---|
| MAT104 Mathematics in Elementary Education | 3 |
|--|---|

TOTAL CREDITS:

64

EDUCATION ASSOCIATE: THE BILINGUAL CHILD

www.laguardia.edu/majors

The Education Associate: Bilingual Child Program is designed for students interested in pursuing teaching as a career with a focus on second language learners. The program is coordinated by the Education and Language Acquisition Department and awards the Associate in Arts (AA) degree.

Since the program focuses on Spanish-speaking children, candidates for admission are expected to demonstrate oral and written proficiency in Spanish equivalent to ELS105 Spanish for Fluent Speakers 1. Through the Cooperative Education internships, students will complete 160 hours in a school setting giving them many opportunities to observe teachers in their classrooms. In addition, students will take a seminar focusing on principles of bilingual education that will familiarize them with current practice.

The Bilingual Child program is articulated with City College's major in Childhood Education. Upon transfer, students are expected to complete a Liberal Arts major and a co-major in education. Therefore, students should consult with a faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken at LaGuardia Community College.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The specific courses students must successfully complete are determined by their scores on college placement test. For more information on the basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 113.

The Bilingual Child: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I	3
(ENA101 or ENC101 depending on placement scores)	
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry	
(depending on placement scores)	
MAT119 Statistics with Elementary Algebra	3
(depending on placement scores)	
MAT120 Elementary Statistics	3

Life and Physical Sciences: 3 credits

<i>Select one of the following:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Counseling

New Student Seminar	0
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Education

ELN101 Introduction to Bilingualism	3
ELN120 Foundations of American Education	3
ELE203 Language and Literacy in Childhood Education	3
ELE111 Fieldwork I in Bilingual Education	1
ELE115 Reflective Seminar I Childhood and Bilingual Ed.	1
ELE211 Fieldwork II in Bilingual Education	1
ELE215 Reflective Seminar II Childhood and Bilingual Ed.	1

Social Science

SSY105 Learning and Education: Childhood to Adolescence	3
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Education & Language Acquisition

ELS200 Latin American Literature I	3
ELS204 Latin American Civilizations	3
ELS210 Advanced Spanish Composition	3
<i>Select one course from the following:</i>	3
ELS201 Latin American Literature II	
ELS270 Literature of the Caribbean	

Unrestricted elective: 2 credits

TOTAL:	60
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ENGINEERING SCIENCE DEGREES

www.laguardia.edu/majors

The Engineering Science Program is housed within the Mathematics, Engineering and Computer Science Department and offers three degrees: Civil, Electrical and Mechanical Engineering. Each track has been designed for transfer as a Dual/Joint program with the School of Engineering at City College of New York (CCNY) and its programs, Bachelor of Engineering in Civil (BE / CE), Electrical (BE / EE), and Mechanical Engineering (BE / ME). Students who achieve a minimum grade of C in each course of their chosen track will receive an Associate in Science (AS) from LaGuardia. Such students are then guaranteed admission to the corresponding track of the four-year program at CCNY.

Matriculated students admitted in the program will be exposed both to the formal principles of engineering and to hands-on laboratory projects. The academic requirements of the Dual/Joint programs are more than sufficient to assure graduates licensure in New York State as Professional Engineers. The bachelor's degree from CCNY is fully recognized by the Accreditation Board for Engineering and Technology (ABET) and is registered as licensure-qualifying by the New York State Department of Education.

Students who need additional skill development in reading, writing, mathematics, and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on basic skills requirements, see page 197.

Descriptions of courses in these majors can be found beginning on page 176.

Engineering Science–Civil Engineering: AS Degree

PATHWAYS COMMON CORE

This program has a waiver to require specific courses in the Common Core.

A. REQUIRED CORE: 14 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG259 Technical Writing	3

Mathematical and Quantitative Reasoning: 4 credits

MAT201 Calculus	4
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Life and Physical Sciences: 4 credits

SCC201 Fundamentals of Chemistry I	4
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B. FLEXIBLE CORE: 20 credits

Select six courses from the five flexible core categories.

Note: Student can select only two courses from any one discipline. Only one course can be selected from a category with the exception of Scientific World.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World – Students are required to select MAT202 Calculus II and SCC202 Fundamentals of Chemistry II.

Students are advised to select one Urban Study course to complete college requirement.

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed in the program handbook.

PROGRAM CORE: 26 CREDITS

Math Engineering & Computer Science: 8 credits

ECF090 First Year Seminar for Engineering and Computer Science	0
MAT203 Calculus III	4
MAT204 Differential Equations	4

Civil Engineering Core: 10 credits

MAC102 C/C++ Programming	3
MAE101 Engineering Lab/Internship I	1
MAE209 Structure & Site Plan	3
MAE219 Thermodynamics	3

Natural Sciences: 8 credits

SCP231 General Physics I	4
SCP232 General Physics II	4

TOTAL CREDITS: 60

Engineering Science–Electrical Engineering: AS Degree

PATHWAYS COMMON CORE

This program has a waiver to require specific courses in the Common Core.

A. REQUIRED CORE: 14 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG259 Technical Writing	3

Mathematical and Quantitative Reasoning: 4 credits

MAT201 Calculus	4
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Life and Physical Sciences: 4 credits

SCP231 General Physics I	4
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B. FLEXIBLE CORE: 20 credits

*Select six courses from the five flexible core categories.
Note: Student can select only two courses from any one discipline. Only one course can be selected from a category with the exception of Scientific World.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World – Students are required to select MAT202 Calculus II and SCP232 General Physics II.

Students are advised to select one Urban Study course to complete college requirement.

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed in the program handbook.

PROGRAM CORE: 26 CREDITS

Math Engineering & Computer Science: 12 credits

ECF090 First Year Seminar for Engineering and Computer Science	0
MAT203 Calculus III	4
MAT204 Differential Equations	4
MAT221 Probability	4

Electrical Engineering Core: 10 credits

MAC102 C/C++ Programming	3
MAE101 Engineering Lab/Internship I	1
MAE213 Electrical Circuits	3
MAE219 Thermodynamics	3

Natural Sciences: 4 credits

SCC201 Fundamentals of Chemistry I	4
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TOTAL CREDITS: 60

Engineering Science–Mechanical Engineering: AS Degree

PATHWAYS COMMON CORE

This program has a waiver to require specific courses in the Common Core.

A. REQUIRED CORE: 14 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG259 Technical Writing	3

Mathematical and Quantitative Reasoning: 4 credits

MAT201 Calculus I	4
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Life and Physical Sciences: 4 credits

SCC201 Fundamentals of Chemistry I	4
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B. FLEXIBLE CORE: 20 credits

*Select six courses from the five flexible core categories.
Note: Student can select only two courses from any one discipline. Only one course can be selected from a category with the exception of Scientific World.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World – Students are required to select MAT202 Calculus II and SCC202 Fundamentals of Chemistry II.

Students are advised to select one Urban Study course to complete college requirement.

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed in the program handbook.

PROGRAM CORE: 29 CREDITS

Math Engineering & Computer Science: 8 credits

ECF090 First Year Seminar for Engineering and Computer Science	0
MAT203 Calculus III	4
MAT204 Differential Equations	4

Mechanical Engineering Core: 13 credits

MAC102 C/C++ Programming	3
MAE101 Engineering Lab I/Internship I	1
MAE211 Engineering Mechanics: Statistics	3
MAE213 Electrical Circuits	3
MAE219 Thermodynamics	3

Natural Sciences: 8 credits

SCP231 General Physics I	4
SCP232 General Physics II	4

TOTAL CREDITS: 63

Mechanical Engineering - Earth System Science and Environmental Engineering Option: AS Degree

PATHWAYS COMMON CORE: 30 - 34 CREDITS

This program has a waiver to require specific courses in the common Core.

A. REQUIRED CORE: 14 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG259 Technical Writing	3

Mathematical and Quantitative Reasoning: 4 credits

MAT201 Calculus	4
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Life & Physical Sciences: 4 credits

SCC201 Fundamentals of Chemistry I	4
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B. FLEXIBLE CORE: 20 Credits

Select six courses from the five flexible core categories.

Note: Student can select only two courses from any one discipline. Only one course can be selected from a category with the exception of Scientific World.

World Cultures and Global Issues

US Experience in its Diversity

Creative Expression

Individual and Society

Scientific World – Students are required to select MAT202

Calculus II and SCC202 Fundamentals of Chemistry II.

Students are advised to select one Urban Study course to complete college requirement.

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed in the program handbook.

PROGRAM CORE: 29 CREDITS

Math Engineering & Computer Science: 4 credits

ECF090 First Year Seminar for Engineering and Computer Science	0
MAT203 Calculus III	4

Earth System Science and Environmental Engineering Core: 15 credits

MAC102 C/C++ Programming	3
MAE101 Engineering Lab I/Internship I	1
MAE106 Earth System Science and Eng.	4
MAE213 Electrical Circuits	3
MAE217 System Analysis of the Earth	4

Natural Sciences: 8 credits

SCP231 General Physics I	4
SCP232 General Physics II	4

Unrestricted electives: 2 credits	2
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TOTAL CREDITS: 63



Energy Technician: AAS Degree

PATHWAYS COMMON CORE: 22 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I 3

(ENA101 or ENC101 depending on placement scores)

ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

MAT115 College Algebra and Trigonometry

MAT117 Algebra and Trigonometry

(depending on placement scores)

Life and Physical Sciences: 3 credits

SCP101 Topics in Physics 3

B. FLEXIBLE CORE: 10 credits 10

Select one course from three of the five flexible core categories

World Cultures and Global Issues

US Experience in its Diversity

Creative Expression

Individual and Society

Scientific World - Pre-Calculus (4 credits)

Note: Student can select only one courses from any one discipline. Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 38 CREDITS

Math Engineering & Computer Science:

MAT203 Calculus I 4

Concentration Area: (select one)

MECHANICAL

Math, Engineering and Computer Science

MAE100 Introduction to Auto CAD 4

MAE107 Manufacturing Processes 3

MAE109 Introduction to Engineering 2

MAE110 Circuits Analysis I 3

MAE111 Circuits Analysis II 3

MAE121 Instrumentation 2

MAE190 Material Sciences 3

MAE191 Statics and Strength of Materials 3

MAE201 HVAC Systems 3

MAE207 Introduction to Thermodynamics for Technology 3

MAE208 Electromechanical Devices 3

MAE230 Senior Design Project 2

ELECTRICAL

Math, Engineering and Computer Science

MAC241 Computer Electronics I 4

MAC242 Computer Electronics II 3

MAC291 Computer Logic, Design and Implementation I 4

MAC292 Computer Logic, Design and Implementation II 4

MAE100 Introduction to Auto CAD 4

MAE102 Electrical Drafting and Blue Print Reading 2

MAE109 Introduction to Engineering 2

MAE110 Circuits Analysis I 3

MAE111 Circuits Analysis II 3

MAE208 Electromechanical Devices 3

Unrestricted electives: 2 credits 2

TOTAL CREDITS: 60

ENVIRONMENTAL SCIENCE

www.laguardia.edu/majors

The Environmental Science Program, offered through the Natural Sciences Department, leads to an Associate in Science (AS) degree. The program has been designed to give students a solid preparation in the basic sciences as well as in the liberal arts. Many of the life science courses will include a fieldwork component that will focus on New York City. After completion of the Fundamentals of Biology and General Chemistry courses, students will be introduced in the “Fundamentals of Ecology” course to the basics of energy flow, ecosystem analysis and community interaction. The capstone course “Environmental Science” has an interdisciplinary approach integrating the underlying principles of global ecology with the interaction of climate, human technology and population growth. The laboratory portion of “Environmental Science” emphasizes team research on original projects, a research presentation and a submission of a written research report into the students’ ePortfolio. Students will have an opportunity to complete internships at pollution control stations, government facilities and community based environmental organizations.

The Environmental Science Program is fully articulated with the School of Earth and Environmental Sciences at Queens College. The School of Earth and Environmental Sciences provides an interdisciplinary approach to environmental studies allowing students to concentrate their studies in biology, chemistry or geology. Graduates of LaGuardia’s Environmental Science Program will transfer with 60 credits and have the opportunity to pursue a Bachelor’s degree at Queens College in Environmental Science or Environmental Studies.

Students who need additional skill development in reading, writing, mathematics, and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the College placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 183.

Environmental Science: AS Degree

PATHWAYS COMMON CORE: 32 CREDITS

This program has a waiver to require STEM courses in the Common Core.

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 4 credits

SCB201 Fundamentals of Biology I (STEM)	4
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B. FLEXIBLE CORE: 19 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World – Students are required to take SCB202 (Fundamentals of Biology II, 4cr.)

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 28 CREDITS

Natural Sciences

NSF101 First Year Seminar for Natural Sciences	2
SCB260 General Microbiology	4
SCB265 Fundamentals of Ecology	4
SCC201 General Chemistry I	4
SCC202 General Chemistry II	4
SCG150 Introduction to Geographic Information Systems	4
SCG250 Environmental Science	4
SCI204 Research in Natural Sciences	3

Unrestricted elective: 1 credit 1

TOTAL CREDITS: 62

FINE ARTS

www.laguardia.edu/majors

The Fine Arts Program, coordinated by the Humanities Department, leads to an Associate in Science (AS) Degree. This program will offer training in studio art for students seeking careers in either the fine or applied arts. Emphasis throughout the curriculum will be placed on individual creativity, aesthetic awareness and an understanding of the visual arts in societies past and present.

The Fine Arts Program is open to students of all levels who wish to expand their technical and aesthetic knowledge in the areas of painting, drawing, sculpture, design, photography, and the history of art and film. The curriculum is structured to prepare students for immediate career objectives or for transfer to BA or BFA programs in studio art at the senior colleges of City University or other metropolitan area art schools. The Fine Arts curriculum is also designed to meet the needs of students who intend to transfer to specialized commercial art programs.

The curriculum places emphasis on drawing techniques and visual fundamentals. There are two required courses in drawing and one in design. A third drawing course may be selected as an elective. Within the curriculum, it is possible for students to select concentrations in painting, sculpture, photography or design. Two required courses in art history form an introduction to the major movements of world art. A third elective course in art history provides focus on the arts of a particular culture or period. Required areas of study in the Liberal Arts include writing, literature, mathematics, science, history and the humanities, providing indispensable cultural and practical background for the visual artist.

The program also provides important “hands-on” experience in the New York art world through cooperative education internships in professional art studios, galleries and museums.

The Design Arts Option provides the foundation coursework and experience necessary to begin a career as an Industrial Designer, Graphic Designer, Package Designer, Product Designer, Interior Designer or Fashion Designer, or to transfer to a four-year institution. Students study Design both in theory and in practice. They take rigorous courses in Design fundamentals and principles and the specialty area of Modelmaking. Modelmakers employ techniques, tools and materials used by architects and other design professionals to make 3-dimensional prototypes and mockups of everything from toasters to interior spaces. Design majors take full advantage professional Internships in the field.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the required courses section of the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on basic skills, see page 197.

Descriptions of courses in this major begin on page 164.

It is recommended that the Internship be taken as a “Mentor” Internship within the Art program.

Fine Arts: AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 CREDITS

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life and Physical Sciences: 3 credits

<i>Select one course from the following:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits

18

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

Fine Arts - Design Studies Option

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts 3

Fine Arts

HUA103 Beginning Drawing 3

HUA104 Introduction to Design 3

HUA165 Art History: Prehistoric Through Gothic 3

HUA166 Art History: Renaissance Through Modern 3

HUA180 Life Drawing 3

HUA289 Art & Design Seminar 3

Select one of the following courses: 3 credits 3

HUA106 Three-Dimensional Design

HUA110 Beginning Painting

HUA115 Color Theory

HUA120 Beginning Sculpture

HUA130 Beginning Photography

HUA150 Beginning Printmaking

HUA185 Illustration

Select one of the following courses: 3 credits 3

HUA203 Intermediate Drawing

HUA210 Intermediate Painting

HUA220 Intermediate Sculpture

HUA285 Graphic Narrative

Select one of the following courses: 3 credits 3

HUA200 Art of the Twentieth Century

HUA202 History of Photography

HUA215 Art of the Renaissance in Italy

HUA216 Art of Africa, Oceania and Pre-Columbian America

HUA294 Experiential Learning

HUC150 The Art of Film

HUN195 Art in New York: A Museum/Gallery Seminar

HUP107 The Philosophy of Art

TOTAL CREDITS: 60

DESIGN STUDIES PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts 3

Design Concentration: 27 credits

HUA103 Beginning Drawing 3

HUA104 Introduction to Design 3

HUA106 Three-Dimensional Design 3

HUA107 Form and Structure 3

HUA180 Life Drawing 3

HUA212 History of Design 3

Select one of the following courses: 3 credits 3

HUA110 Beginning Painting

HUA115 Color Theory

HUA120 Beginning Sculpture

HUA125 Introduction to Computer Art

HUA130 Beginning Photography

HUA150 Beginning Printmaking

HUA185 Graphic Narrative

Select one of the following courses: 3 credits 3

HUA126 Computer Art 2

HUA203 Intermediate Drawing

HUA207 Modelmaking I

HUA210 Intermediate Painting

HUA220 Intermediate Sculpture

HUA230 Intermediate Photography

HUA285 Graphic Narrative

Select one of the following courses: 3 credits 3

HUA167 Introduction to African Art

HUA200 Art of the Twentieth Century

HUA202 History of Photography

HUA215 Art of the Renaissance in Italy

HUN195 Art in New York: A Museum/Gallery Seminar

TOTAL CREDITS: 60

FOODSERVICE MANAGEMENT

www.laguardia.edu/majors

The Foodservice Management Program, offered through the Health Sciences Department, leads to an Associate of Applied Science (AAS) degree. The foodservice industry is the third largest employer in the country and it is growing. The program has a culinary management emphasis and provides coursework in food science, culinary arts, production management, food safety, cultural foods, procurement and sustainability, nutrition, and human resources management and supervision. Additional support courses include liberal arts courses, accounting, marketing and meeting and events planning.

The Foodservice Management Program participates in the ManageFirst Program which is administered nationally through the National Restaurant Association Solutions. It is a management development program that equips students with the key competencies they need to begin or advance their management careers in the foodservice industry. Through ManageFirst Program students become certified in the following areas: ServSafe Food Safety, Controlling Foodservice Costs, Purchasing, Hospitality Human Resources Management and Supervision, and Restaurant Management. Through the internship component of the program, students apply their classroom learning to practical work experience in the foodservice industry.

Foodservice managers are responsible for the daily operations of restaurants and other establishments that prepare and serve meals and beverages to customers. They coordinate activities among various departments, such as kitchen, dining room, and banquet operations, and ensure that customers are satisfied with their dining experience. In addition, they oversee the inventory and ordering of food, equipment, and supplies and arrange for the routine maintenance and upkeep of the equipment and facilities. Managers are responsible for the administrative and human-resource functions of running the business, including recruiting new employees and monitoring employee performance and training.

Challenging and rewarding careers are available in foodservice management and the current demand for trained, entry-level management employees is strong. Those who acquire professional credentials distinguish themselves as being highly skilled, trained, motivated, and career-minded. Program graduates are qualified for entry-level middle management trainee positions in large-scale foodservice enterprises such as foodservice contract companies, restaurants, hotels, cafeterias, catering, school foodservice, fast food outlets, and vending machine operations.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on the basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 136.

Foodservice Management: AAS Degree

PATHWAYS COMMON CORE: 19 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits*

<i>Select one course from the following:</i>	3
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life and Physical Sciences: 4 credits

SCB115 Principles of Biology (STEM)	4
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B. FLEXIBLE CORE: 6 credits 18

To complete the degree requirements students must select the following courses

HUC106 Public Speaking	3
SSY101 General Psychology	3

PROGRAM CORE: 41 CREDITS

Health Sciences

HSF090 First Year Seminar for Health Sciences	0
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Business & Technology

BTA111 Principles of Accounting I	4
BTN211 Travel, Tourism and Hospitality Marketing	3
BTT101 Introduction to Travel, Tourism and Hospitality	3
BTT223 Meeting and Event Planning	3

Foodservice Management

SCD100 Foods	3
SCD107 Careers in Food and Nutrition	1
SCD200 Introductory Nutrition	3
SCD205 Introduction to Culinary Arts	3
SCD250 Production Management	3
SCD251 Principles of Sanitation	2
SCD252 Quantity Food Purchasing	3
SCD253 Foodservice Administration	3
SCD254 Dining Management	1
SCD266 Foodservice Management Internship	3
SCN240 Food and Culture	3

TOTAL CREDITS: 60

HUMAN SERVICES

www.laguardia.edu/majors

The Human Services Program, coordinated by the Health Sciences Department, leads to an Associate in Arts (AA) degree that prepares students for careers in mental health, social work, and other human services related fields. The Program provides a foundation for students to continue their education and training by earning a Bachelor's degree in one of the many helping professions: human services, social work, disability studies, gerontology, and psychology.

The Human Services Program focuses on training students with the skills necessary to provide helping and supportive services to individuals, families, groups, and communities from diverse backgrounds. Human service professionals seek to empower individuals and communities, emphasize strengths and abilities, and foster human growth and development. While the goal of the Program is to prepare students for transfer into Bachelor's degree programs, our graduates may also seek entry-level professional employment positions in various settings such as group homes, after school programs, shelters, senior centers, day care programs, and community-based organizations.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on basic skills requirements, see page 197.

Description of courses in this major can be found on page 139.



KRISTIAN LARROTA / LAGUARDIA COMMUNITY COLLEGE

Human Services: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

MAT120 Elementary Statistics

Life and Physical Sciences: 3 credits

<i>Select one course from the following:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits 18

*Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*Students are advised to select one Urban Study course to
complete college requirement. To complete the degree
requirements from the Flexible Core, students are advised to
select courses from the recommended course selections listed
on the program website. Note: Student can select only two
courses from any one discipline.*

PROGRAM CORE: 30 CREDITS

Health Sciences

HSF090 First Year Seminar for Health Sciences	0
SCH160 Health & Wellness	3
SCH196 Community Research	1
SCN195 Community Health	2
<i>Select one of the following courses</i>	3

SCH150 Drugs & Behavior

SCH210 Human Sexuality

SCN194 HIV/AIDS, Science & Society

Human Services

HSS101 Introduction to Human Services	3
HSS102 Social Policy & Social Welfare	3
HSS214 Social Gerontology	3
HSS216 Interviewing & Counseling	3
HSS218 Group Interviewing & Counseling	3
HSS290 Human Services Seminar & Internship	3
HSS295 Community Organizing	3

TOTAL CREDITS:

60

INDUSTRIAL DESIGN

www.laguardia.edu/majors

The Industrial Design Program, coordinated by the Humanities Department, leads to an Associate in Applied Science Degree (AAS). Industrial Design is a combination of applied art and applied science, whereby aesthetics, ergonomics and usability of mass-produced products may be improved for marketability and production. The role of an industrial designer is to create and execute design solutions towards problems of form, usability, user ergonomics, engineering, marketing, brand development and sales. The Industrial Design program provides students through foundation coursework and experience the necessary skills to begin a career in Computer Assisted Design (CAD), Modelmaking and Product Design and Fabrication or to transfer to a four-year institution. Students will take courses in the history of design, 3-dimensional design and an introduction to computer-assisted design. Students will study design in both theory and practice. Students will have access to an 8,000 sq. ft studio and lab housed in NY Designs, a design business incubator program offered through the College's Division of Adult and Continued Education. Students will work with digital laser cutting tools, plastic vacuum forming machines, 3D printing rapid prototyping machinery as well as hand tools and woodworking tools.

Students who need additional skill development in reading, writing, mathematics, and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the College placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 165.

Industrial Design: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life and Physical Sciences: 3 credits

<i>Select one of the following:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 9 Credits

*Select three courses from the flexible core categories below.
Note: Only one course may be selected from a category and select courses from three different disciplines.*

World Cultures and Global Issues, US Experience in its Diversity, Creative Expression, Individual and Society, Scientific World

Additional Common Core courses will be required when transferring to a CUNY College. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 39 CREDITS

Humanities:

New Student Seminar	
HUA104 Introduction to Design	3
HUA106 Three Dimensional Design	3
HUA107 Form & Structure	3
HUA109 SolidWorks	3
HUA116 Introduction to Woodworking	3
HUA190 Technical Drawing	3
HUA207 Modelmaking	3
HUA212 History of Design	3
HUN192 Art and Society	3

Math Engineering & Computer Science: 11 credits

MAE100 Introduction to CAD	4
MAE107 Manufacturing Processes	3
MAT241 Technical Mathematics	4

Unrestricted Elective: 1 credit	1
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TOTAL CREDITS:	60
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LIBERAL ARTS AND SCIENCES

The Liberal Arts and Sciences Programs are designed for students who want to continue their education at senior colleges and to engage in studies leading to careers in the arts and sciences. Students in these programs choose from a wealth of courses offered by the Education and Language Acquisition, English, Humanities, Mathematics, Engineering and Computer Science, Natural Sciences and Social Science Departments.

THE LIBERAL ARTS: MATHEMATICS AND SCIENCE PROGRAM, leading to the Associate in Science (AS) degree, is suggested for students interested in pursuing a career in mathematics, the sciences, engineering, medicine or allied health fields. The science and mathematics courses are designed specifically to meet the requirements of those students who wish to continue their education beyond the Associate degree.

THE LIBERAL ARTS: SOCIAL SCIENCES AND HUMANITIES PROGRAM leads to an Associate in Arts (AA) degree. For students who want an early start in planning for a liberal arts-related career, the program has a number of courses offered in such areas as art, music, media, theater, film, philosophy, journalism, community studies, child development and Latin American studies, to choose from.

THE DEAF STUDIES OPTION (AA degree) enables students to learn American Sign Language (ASL), and to understand the complexities of deaf communities. Students receive a broad liberal arts background for further study in ASL/English interpreting, special education, social work, rehabilitation counseling and related fields.

THE HISTORY OPTION (AA degree) is designed for those students who have a strong personal interest in learning more about History, and for students who plan to become History majors in four-year institutions. Students who major in History have a variety of career choices available, and the Option prepares students for advanced work in historical studies by training them in reading comprehension and textual analysis, critical thinking skills, and research methodologies. History classes help train students to appreciate a wide variety of writing styles and rhetorical strategies, thus exposing them to a greater diversity of literature. In addition, Writing Intensive Classes in History train students to conduct research and cite sources in accordance with standard scholarly practices.

THE INTERNATIONAL STUDIES OPTION (AA degree) is an interdisciplinary program that draws on the best resources of LaGuardia to prepare students to become better-informed world citizens and to develop the competencies needed to survive and succeed in the new global economy. Students in the International Studies program learn about cross-cultural understanding, explore global perspectives on various world issues and cultures, become

more familiar with distinct regions and cultures of the world, and take at least two cycles of a foreign language. The option in International Studies promotes global awareness, intercultural understanding, and international engagement. The Liberal Arts International Studies Option is articulated with the International Studies interdisciplinary major at City College.

THE JAPANESE OPTION (AA degree) enables students to learn the Japanese language and other related disciplines such as Japanese literature, the art of Asia East Asian History, religions, and social psychology in Asia. The curriculum is designed to prepare students for transfer to baccalaureate programs in East Asian Studies and Japan Studies. The Liberal Arts Japanese Option is articulated with the East Asian Studies major (Japanese track) at Queens College.

THE LATIN AMERICAN STUDIES OPTION (AA degree) addresses the need for student preparation in the areas of Latin American, bi-cultural studies with prospective applications in the fields of education, diplomacy, business, cross-cultural studies and health care.

THE MEDIA STUDIES OPTION (AA degree) offers a curriculum which meets the growing demand for preparation in the expanding field of communications media (including film, television, video and other forms of electronic media). It provides a structure for guiding Liberal Arts students toward career and professional goals early in their academic careers. The curriculum is designed to prepare students for transfer to baccalaureate programs in film, television and other communications technologies. Internships take advantage of LaGuardia's New York City location to provide students with experience in professional settings in this diverse and expanding field.

All Liberal Arts and Sciences majors have advisors to help with the planning of their programs. Planning course sequences will allow students to take full advantage of existing articulation agreements.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on basic skills requirements, see page 197.

Descriptions of courses in these majors begin on page 152.

Liberal Arts–Social Science and Humanities: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I* 3
(ENA or ENC depending on placement scores)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following: 3
MAT107: Mathematics and the Modern World
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry
(depending on placement scores)
MAT119 Statistics with Elementary Algebra
(depending on placement scores)
MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one course from the following: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts 3
LIB200 Humanism, Science and Technology 3

English

ENG103 Preparing and Writing the Research Paper 3

Education & Language Acquisition

ELL101 Introduction to Language 3

English/ Education & Language Acquisition

Select one of the following courses: 3
ELF250 Modern French Literature in Translation
ELI250 Italian Literature in Translation
ELJ250 Japanese Literature in Translation
ELS250 Contemporary Latin American Fiction in Translation
ENG204 Asian American Literature
ENG235 Cultural Identity in American Literature

ENG245 Images of Women in Literature
ENG247 The Woman Writer
ENG248 Latino/Latina Writing of the United States
ENG261 Literature of Difference: Lesbian/Gay Writers

Humanities

Select one of the following courses

HUA103 Beginning Drawing
HUA110 Beginning Painting
HUA120 Beginning Sculpture
HUA125 Introduction to Computer Art
HUA130 Beginning Photography
HUM155 Voice I
HUM170 Guitar I
HUT110 Acting I

Select one of the following courses:

HUA101 Introduction to Art 3
HUN195 Art in New York
HUC106 Public Speaking
HUC150 The Art of Film
HUT170 Art of Theatre
HUC270 American Film
HUM109 World Music
HUM210 American Music
HUP101 Introduction to Philosophy
HUP104 Ethics and Moral Issues
HUP105 Philosophy of Religion
HUP106 Social and Political Philosophy

Social Science: 6 credits

Select one of the following courses:

SSA100 Introduction to Anthropology 3
SSA101 Cultural Anthropology
SSE103 Introduction to Microeconomics
SSE104 Introduction to Macroeconomics
SSP101 U.S. Power and Politics
SSP250 Political Ideas and Ideologies
SSS100 Introduction to Sociology
SSY101 General Psychology

Select one of the following courses:

SSH101 Themes in American History to 1865 3
SSH102 Themes in American History since 1865
SSH103 Western Civilization from Ancient Times to the Renaissance
SSH104 Western Civilization from the Renaissance to Modern Times
SSH105 World History from Ancient Times to 1500
SSH106 World History from 1500 to the Present
SSH110 East Asia Civilization and Societies
SSH113 Modern Chinese History
SSH114 Modern Japanese History
SSH121 Ancient Greek Civilization
SSH122 History of the Roman State and People
SSH151 Women and Gender in US History
SSH153 History of US Foreign Policy & International Relations
SSH231 Afro-American History
SSH232 Survey of Latin American and Caribbean History

Unrestricted electives: 3 credits

TOTAL CREDITS:

60

OR

DEAF STUDIES OPTION	
PATHWAYS COMMON CORE: 30 CREDITS	
A. REQUIRED CORE: 12 Credits	
English: 6 credits	
ENG101 English Composition I* (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3
Mathematical and Quantitative Reasoning: 3 credits	
<i>Select one course from the following:</i>	3
MAT107: Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	
Life & Physical Sciences: 3 credits	
<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	
B. FLEXIBLE CORE: 18 Credits	18
<i>Select one course from each of the five flexible core categories AND one additional course from any flexible core category.</i>	
World Cultures and Global Issues	
US Experience in its Diversity	
Creative Expression	
Individual and Society	
Scientific World	
<i>Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.</i>	
PROGRAM CORE: 30 CREDITS	
Liberal Arts	
LIF101 First Year Seminar for Liberal Arts	3
LIB200 Humanism, Science and Technology	3
English	
ENG103 Preparing and Writing the Research Paper	3
Education & Language Acquisition	
ELL101 Introduction to Language	3
Deaf Studies	
ELM101 American Sign Language	3
ELM102 American Sign Language II	3
ELM103 American Sign Language III	3
ELM104 American Sign Language IV	3
ELM210 Sign Language Linguistics	3
Social Science	
SSS190 Sociology of American Deaf Community	3
TOTAL CREDITS:	60

OR

EARLY CHILDHOOD EDUCATION OPTION	
PATHWAYS COMMON CORE: 30 CREDITS	
A. REQUIRED CORE: 12 Credits	
English: 6 credits	
ENG101 English Composition I* (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3
Mathematical and Quantitative Reasoning: 3 credits	
<i>Select one course from the following:</i>	3
MAT107: Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	
Life & Physical Sciences: 3 credits	
<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	
B. FLEXIBLE CORE: 18 Credits	18
<i>Select one course from each of the five flexible core categories AND one additional course from any flexible core category.</i>	
World Cultures and Global Issues	
US Experience in its Diversity	
Creative Expression	
Individual and Society	
Scientific World	
<i>To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.</i>	
PROGRAM CORE: 30 CREDITS	
Liberal Arts	
LIF101 First Year Seminar for Liberal Arts	3
Humanities	
HUC116 Survey of Speech, Language and Hearing Disorders	3
Education & Language Acquisition	
ELE110 Arts in Education	3
ELE205 Language and Literacy in Early Childhood Education	3
ELN121 Foundations of Early Childhood Education	3
ELN206 Family, School & Community in Early Childhood Education	3
Social Science	
SSY101 General Psychology	3
SSY105 Learning and Education	3
SSY230 Abnormal Psychology	3
SSY240 Developmental Psychology	3
TOTAL CREDITS:	60

HISTORY OPTION**PATHWAYS COMMON CORE: 30 CREDITS****A. REQUIRED CORE: 12 Credits****English: 6 credits**

ENG101 English Composition I* 3
 (ENA101 or ENC101 depending on placement scores)
 ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3
 MAT107 Mathematics and the Modern World
 MAT115 College Algebra and Trigonometry
 MAT117 Algebra and Trigonometry
 (depending on placement scores)
 MAT119 Statistics with Elementary Algebra
 (depending on placement scores)
 MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one of the following courses: 3
 SCB101 Topics in Biological Sciences
 SCB206 Introduction to Neuroscience
 SCC101 Topics in Chemistry
 SCP101 Topics in Physics
 SCP105 Life in the Universe
 SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 Credits

*Select one course from each of the five flexible core categories
 AND one additional course from any flexible core category.*

World Cultures and Global Issues
 US Experience in its Diversity
 Creative Expression
 Individual and Society
 Scientific World

*Students are advised to select one Urban Study course to
 complete college requirement. To complete the degree
 requirements from the Flexible Core, students are advised to
 select courses from the recommended course selections listed
 on the program website. Note: Student can select only two
 courses from any one discipline.*

PROGRAM CORE: 30 CREDITS**Liberal Arts**

LIF101 First Year Seminar for Liberal Arts 3
 LIB200 Humanism, Science and Technology 3

English

ENG103 Preparing and Writing the Research Paper 3

Humanities

Select one of the following courses: 3
 HUA101 Introduction to Art
 HUA103 Beginning Drawing
 HUA110 Beginning Painting
 HUA120 Beginning Sculpture
 HUA130 Beginning Photography
 HUC101 Fundamentals of Speech Communication
 HUC106 Public Speaking
 HUC150 The Art of Film
 HUC270 American Film
 HUM101 Introduction to Music
 HUM155 Voice I
 HUM170 Guitar I
 HUM210 American Music
 HUN195 Art in New York
 HUP101 Introduction to Philosophy
 HUP104 Ethics and Moral Issues
 HUP105 Philosophy of Religion
 HUP106 Social and Political Philosophy
 HUT101 Art of Theatre
 HUT110 Acting I

Social Science

Select four of the following courses: 12
 SSH101 Themes in American History to 1865
 SSH102 Themes in American History since 1865
 SSH103 Western Civilization from Ancient Times
 to the Renaissance
 SSH104 Western Civilization from the Renaissance
 to Modern Times
 SSH105 World History from Ancient Times to 1500
 SSH106 World History from 1500 to the Present
 SSH110 East Asia Civilization and Societies
 SSH113 Modern Chinese History
 SSH114 Modern Japanese History
 SSH121 Ancient Greek Civilization
 SSH122 History of the Roman State and People
 SSH151 Women and Gender in US History
 SSH153 History of US Foreign Policy & International Relations
 SSH231 Afro-American History
 SSH232 Survey of Latin American and Caribbean History

Select two of the following: 6
 SSA100 Introduction to Anthropology
 SSA101 Cultural Anthropology
 SSE103 Introduction to Microeconomics
 SSE104 Introduction to Macroeconomics
 SSP101 U.S. Power and Politics
 SSP250 Political Ideas and Ideologies
 SSS100 Introduction to Sociology

TOTAL CREDITS:**60**

INTERNATIONAL STUDIES OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I* 3
(ENA101 or ENC101 depending on placement scores)

ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3

MAT107 Mathematics and the Modern World

MAT115 College Algebra and Trigonometry

MAT117 Algebra and Trigonometry

(depending on placement scores)

MAT119 Statistics with Elementary Algebra

(depending on placement scores)

MAT120 Elementary Statistics

Life & Physical Sciences: 3 Credits

Select one of the following courses: 3

SCB101 Topics in Biological Sciences

SCB206 Introduction to Neuroscience

SCC101 Topics in Chemistry

SCP101 Topics in Physics

SCP105 Life in the Universe

SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 credits 18

Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.

World Cultures and Global Issues

US Experience in its Diversity

Creative Expression

Individual and Society

Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts 3

LIB200 Humanism, Science and Technology 3

English

ENG103 Preparing and Writing the Research Paper 3

ENG/ELA

Select one of the following courses: 3

ELF250 Modern French Literature in Translation

ELJ250 Japanese Literature In Translation

ELS250 Contemporary Latin American Fiction in Translation

ENG260 The Novel

ENG295 World Literatures Written in English

Social Science: 15 credits

Select three of the following: 9

SSA100 Introduction to Anthropology

SSA101 Cultural Anthropology

SSE105 International Economics

SSE125 World Geography

SSH105 World History from Ancient Times to 1500

SSH106 World History from 1500 to the Present

SSP200 Global Politics

Select two of the following: 6

SSH101 Themes in American History to 1865

SSH102 Themes in American History since 1865

SSH103 Western Civilization from Ancient Times
to the Renaissance

SSH104 Western Civilization from the Renaissance
to Modern Times

SSH110 East Asia Civilization and Societies

SSH232 Survey of Latin American and Caribbean History

SSP220 Politics of Latin America and the Caribbean

SSS100 Introduction to Sociology

Unrestricted electives: 3 credits 3

TOTAL CREDITS:

60

* An introductory cluster containing four courses is required for all DAY students; students must take the Cluster during the 12-week session when they take ENG101. Extended Day students may substitute a Liberal Arts elective.

JAPANESE OPTION**PATHWAYS COMMON CORE: 30 CREDITS****A. REQUIRED CORE: 12 Credits****English: 6 credits**

ENG101 English Composition I* (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits

*Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.*

World Cultures and Global Issues (ELJ101 and ELJ102)
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*Students are advised to select one Urban Study course to
complete college requirement. To complete the degree
requirements from the Flexible Core, students are advised to
select courses from the recommended course selections listed
on the program website. Note: Student can select only two
courses from any one discipline.*

*An introductory cluster containing four courses is required for all DAY students; students must take the Cluster during the 12-week session when they take ENG101. Extended Day students may substitute a Liberal Arts elective.

PROGRAM CORE: 30 CREDITS**Liberal Arts**

LIF101 First Year Seminar for Liberal Arts	3
LIB200 Humanism, Science and Technology	3

English

ENG 103 Preparing and Writing the Research Paper	3
--	---

Education and Language Acquisition

ELJ103 Intermediate Japanese I	3
ELJ104 Intermediate Japanese II	3
ELJ250 Japanese Literature in Translation	3

Select one of the following courses: 3

ELC101 Elementary Modern Chinese I	
ELC102 Elementary Modern Chinese II	
ELC103 Intermediate Modern Chinese I	
ELC105 Modern Chinese for Heritage Students	
ELC201 Modern Chinese Literature (taught in Chinese)	
ELC202 Contemporary Chinese Literature (taught in Chinese)	
ELC203 Classic Chinese Literature (taught in Chinese)	
ELK101 Elementary Korean I	
ELK102 Elementary Korean II	
ELK103 Intermediate Korean I	
ELK201 Modern Korean Literature (taught in Korean)	

[Note] One Chinese or Korean language course depending on the placement score. ELC101 and ELK101 are not paired with the 102-level course for Japanese Option students.

Humanities

Select one of the following courses: 3

HUA101 Introduction to Art	
HUA191 The Art of Eastern Asia	
HUC106 Public Speaking	
HUC150 The Art of Film	
HUM101 Introduction to Music	
HUN195 Art in New York	
HUP101 Introduction to Philosophy	
HUP104 Ethics and Moral Issues	

Social Science: 3 credits

Select one of the following courses: 3

SSA100 Introduction to Anthropology	
SSA101 Cultural Anthropology	
SSE105 International Economics	
SSE125 World Geography	
SSH105 World History from Ancient Times to 1500	
SSH106 World History from 1500 to the Present	
SSP200 Global Politics	
SSH103 Western Civilization from Ancient Times to the Renaissance	
SSH104 Western Civilization from the Renaissance to Modern Times	
SSH110 East Asia Civilization and Societies	
SSH231 Afro-American History	
SSH232 Survey of Latin American and Caribbean History	
SSP220 Politics of Latin America and the Caribbean	
SSS100 Introduction to Sociology	

Unrestricted electives: 3 credits 3

TOTAL CREDITS:**60**

JOURNALISM OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts	3
LIB200 Humanism, Science and Technology	3

English

ENG103 Preparing and Writing the Research Paper	3
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Journalism Core

<i>Select four of the following courses:</i>	12
ENG208 Introduction to Digital Journalism	
ENG209 Advanced Digital Journalism	
ENG210 Journalism: Its Scope and Use	
ENG211 Journalism: The Craft of Gathering and Reporting the News	
ENG212 Feature Writing for Newspapers and Popular Magazines	
ENG213 Broadcast Journalism: Writing for Radio	
ENG274 Creative Nonfiction Workshop	
ENG288 Internship	

Humanities

<i>Select one of the following courses:</i>	3
HUA101 Introduction to Art	
HUC106 Public Speaking	
HUC150 The Art of Film	
HUM101 Introduction to Music	
HUN195 Art in New York	
HUP101 Introduction to Philosophy	
HUP104 Ethics and Moral Issues	

Social Science

<i>Select one of the following:</i>	3
SSA100 Introduction to Anthropology	
SSA101 Cultural Anthropology	
SSE105 International Economics	
SSE125 World Geography	
SSH105 World History from Ancient Times to 1500	
SSH106 World History from 1500 to the Present	
SSP200 Global Politics	
SSH103 Western Civilization from Ancient Times to the Renaissance	
SSH104 Western Civilization from the Renaissance to Modern Times	
SSH110 East Asia Civilization and Societies	
SSH231 Afro-American History	
SSH232 Survey of Latin American and Caribbean History	
SSP220 Politics of Latin America and the Caribbean	
SSS100 Introduction to Sociology	

Unrestricted electives: 3 credits	3
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TOTAL CREDITS:

60

LATIN AMERICAN STUDIES OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 Credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. Flexible Core: 18 credits

*Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*Students are advised to select one Urban Study course to
complete college requirement. To complete the degree
requirements from the Flexible Core, students are advised to
select courses from the recommended course selections listed
on the program website. Note: Student can select only two
courses from any one discipline.*

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts	3
LIB200 Humanism, Science and Technology	3

English: 3 credits

ENG103 Preparing and Writing the Research Paper	3
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Latin American Core

ELS200 Latin American Literature I	3
ELS201 Latin American Literature II	3
ELS204 Latin American Civilizations	3
ELS210 Advanced Spanish Composition	3
ELN101 Introduction to Bilingualism	3

Education and Language Acquisition

ELL101 Introduction to Language	3
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Social Science

<i>Select one of the following:</i>	3
SSA100 Introduction to Anthropology	
SSA101 Cultural Anthropology	
SSE105 International Economics	
SSE125 World Geography	
SSH105 World History from Ancient Times to 1500	
SSH106 World History from 1500 to the Present	
SSP200 Global Politics	
SSH103 Western Civilization from Ancient Times to the Renaissance	
SSH104 Western Civilization from the Renaissance to Modern Times	
SSH110 East Asia Civilization and Societies	
SSH231 Afro-American History	
SSH232 Survey of Latin American and Caribbean History	
SSP220 Politics of Latin America and the Caribbean	
SSS100 Introduction to Sociology	

TOTAL CREDITS:

60

LABOR AND COMMUNITY ORGANIZING OPTION-NO NEW STUDENTS

MEDIA STUDIES OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts	3
LIB200 Humanism, Science and Technology	3

English

ENG103 Preparing and Writing the Research Paper	3
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Media Studies

HUC150 Art of Film	3
HUC238 Screenwriting	3
HUC240 Video Production Workshop I	3
HUC270 American Film	3

Select one of the following:

HUC241 Video Production Workshop II	3
HUC242 Postproduction Effects, Color, Audio	
HUN196 Film in New York City	

Social Science

<i>Select one of the following:</i>	3
SSA100 Introduction to Anthropology	
SSA101 Cultural Anthropology	
SSE103 Introduction to Microeconomics	
SSE104 Introduction to Macroeconomics	
SSP101 U.S. Power and Politics	
SSP250 Political Ideas and Ideologies	
SSS100 Introduction to Sociology	
SSY101 General Psychology	

Select one of the following:

SSH101 Themes in American History to 1865	3
SSH102 Themes in American History since 1865	
SSH103 Western Civilization from Ancient Times to the Renaissance	
SSH104 Western Civilization from the Renaissance to Modern Times	
SSH105 World History from Ancient Times to 1500	
SSH106 World History from 1500 to the Present	
SSH110 East Asia Civilization and Societies	
SSH231 Afro-American History	
SSH232 Survey of Latin American and Caribbean History	
SSP220 Politics of Latin America and the Caribbean	

TOTAL CREDITS:

60

OR

MUSIC OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I 3
(ENA101 or ENC101 depending on placement scores)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3
MAT107 Mathematics and the Modern World
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry
(depending on placement scores)
MAT119 Statistics with Elementary Algebra
(depending on placement scores)
MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 Credits 18

*Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*Students are advised to select one Urban Study course to
complete college requirement. To complete the degree
requirements from the Flexible Core, students are advised to
select courses from the recommended course selections listed
on the program website. Note: Student can select only two
courses from any one discipline.*

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts 3
LIB200 Humanism, Science and Technology 3

English

ENG103 Preparing and Writing the Research Paper 3

Education and Language Acquisition

ELL101 Introduction to Language 3

Music

HUM101 Introduction to Music 3
HUM140 Music Theory I 2
HUM144 Musicianship I 2
HUM180 Piano I 1
HUM181 Piano II 1
HUM240 Harmony and Counterpoint 2

Select one of the following courses:

HUM174 Ensemble I 2
HUM152 Contemporary Vocal Ensemble I 2

Select one of the following courses:

HUM274 Ensemble II 2
HUM252 Contemporary Vocal Ensemble II 2

Social Science

Select one of the following: 3

SSA101 Cultural Anthropology
SSP101 US Power and Politics
SSS100 Introduction to Sociology
SSY101 General Psychology
SSH101 Themes in American History to 1865
SSH102 Themes in American History since 1865
SSH103 Western Civilization from Ancient Times to
the Renaissance
SSH104 Western Civilization from the Renaissance to
Modern Times
SSH105 World History from Ancient Times to 1500
SSH106 World History from 1500 to the Present
SSH110 East Asia Civilization and Societies
SSH231 Afro-American History
SSH232 Survey of Latin American and Caribbean History
SSP220 Politics of Latin America and the Caribbean

TOTAL CREDITS:

60

**For the New Media
Technology/Digital Media
Arts Certificate,
see page 40**

OR

POLITICAL SCIENCE OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I* 3

(ENA101 or ENC101 depending on placement scores)

ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3

MAT107 Mathematics and the Modern World

MAT115 College Algebra and Trigonometry

MAT117 Algebra and Trigonometry

(depending on placement scores)

MAT119 Statistics with Elementary Algebra

(depending on placement scores)

MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one of the following courses: 3

SCB101 Topics in Biological Sciences

SCB206 Introduction to Neuroscience

SCC101 Topics in Chemistry

SCP101 Topics in Physics

SCP105 Life in the Universe

SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 Credits 18

Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.

World Cultures and Global Issues

US Experience in its Diversity

Creative Expression

Individual and Society

Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts 3

LIB200 Humanism, Science and Technology 3

English

ENG103 Preparing and Writing the Research Paper 3

Social Science: 3 credits

SSP101 U.S. Power and Politics 3

SSP200 Global Politics 3

SSP245 Law and Human Rights in America 3

SSP250 Political Ideas and Ideologies 3

Select one of the following courses: 3

SSN192 Practical Politics of NYC

SSN210 Politics of Sexuality

Select one of the following courses: 3

SSH101 Themes in American History to 1865

SSH102 Themes in American History since 1865

SSH103 Western Civilization from Ancient Times to the Renaissance

SSH104 Western Civilization from the Renaissance to Modern Times

SSH105 World History from Ancient Times to 1500

SSH106 World History from 1500 to the Present

SSA100 Introduction to Anthropology

SSA101 Cultural Anthropology

SSE103 Introduction to Microeconomics

SSE104 Introduction to Macroeconomics

SSS100 Introduction to Sociology

Unrestricted Elective: 3 credits 3

TOTAL CREDITS:

60

SECONDARY EDUCATION - TEACHER EDUCATION TRANSFER OPTION

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Liberal Arts

LIF101 First Year Seminar for Liberal Arts	3
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Education and Language Acquisition

ELL101 Introduction to Language	3
Two Course Modern Language Sequence	6

Education

ELE204 Language and Literacy in Secondary Education	3
ELN122 Foundations of American Secondary Education	3

Social Science: 3 credits

SSY105 Learning and Education	3
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Select one of the following concentrations:

Adolescent Education: English

<i>Select two of the following courses:</i>	6
ENG290 British Literature I	
ENG291 British Literature II	
ENG292 American Literature I	
ENG293 American Literature II	

<i>Select one of the following courses:</i>	3
ENG204 Asian American Literature	
ENG225 Afro-American Literature	
ENG247 The Woman Writer	
ENG248 Latino/Latina Writing in the US	
ENG266 Shakespeare	
ENG270 Introduction to Poetry	
ENG280 Children's Literature	

Adolescent Education: Math

Unrestricted elective	1
<i>Select two of the following courses:</i>	8

MAT201 Calculus I	
MAT202 Calculus II	
MAT230 Introduction to Discrete Mathematical Structures	

Adolescent Education: Science

Unrestricted elective	1
<i>Select two of the following courses:</i>	8

SCB201 General Biology I	
SCB202 General Biology II	
SCC201 General Chemistry I	

Adolescent Education: Social Science

<i>Select three of the following courses:</i>	9
SSH101 Themes in American History I	
SSH102 Themes in American History II	
SSH103 Western Civilization from Ancient Times to the Renaissance	
SSH104 Western Civilization from the Renaissance to Modern Times	
SSH105 World History from Ancient Times to 1500	
SSH106 World History from 1500 to the present	
SSA101 Cultural Anthropology	
SSA106 Anthropology of Latin America	
SSS100 Introduction to Sociology	
SSS280 Sociology of the Family	
SSP101 US Power and Politics	

TOTAL CREDITS:

60

Liberal Arts–Mathematics and Science: AS Degree

PATHWAYS COMMON CORE: 32 CREDITS

This program has a waiver to require STEM courses in the Common Core.

A. REQUIRED CORE:

English: 6 credits

- | | |
|--|---|
| ENG101 English Composition I
(ENA101 or ENC101 depending on placement scores) | 3 |
| ENG102 Writing through Literature | 3 |

Mathematical and Quantitative Reasoning: 3 credits

- | | |
|--|---|
| <i>Select one of the following courses:</i> | 3 |
| MAT115 College Algebra and Trigonometry | |
| MAT117 Algebra and Trigonometry
(depending on placement scores) | |
| MAT119 Statistics with Elementary Algebra
(depending on placement scores) | 3 |
| MAT120 Elementary Statistics I | |

Life & Physical Sciences: 4 credits

- | | |
|---|---|
| <i>Select one of the following courses:</i> | 4 |
| SCB201 Fundamentals of Biology I (STEM) | |
| SCC201 Fundamentals of Chemistry I (STEM) | |
| SCP201 Fundamentals of Physics I (STEM) | |

B. FLEXIBLE CORE: 19 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

- World Cultures and Global Issues
- US Experience in its Diversity
- Creative Expression
- Individual and Society
- Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 28 CREDITS

Liberal Arts

- | | |
|---|---|
| LMF101 First Year Seminar for LA Math/Sci | 3 |
| LIB200 Humanism, Science and Technology | 3 |

Humanities

- | | |
|------------------------|---|
| HUC106 Public Speaking | 3 |
|------------------------|---|

Social Science: 3 credits

- | | |
|---|---|
| <i>Select one of the following courses:</i> | 3 |
| SSA100 Introduction to Anthropology | |
| SSA101 Cultural Anthropology | |
| SSE103 Introduction to Microeconomics | |
| SSE104 Introduction to Macroeconomics | |
| SSP101 U.S. Power and Politics | |
| SSP200 Global Politics | |

PROGRAM CORE, CONTINUED

- SSS100 Introduction to Sociology
- SSY101 General Psychology
- SSH101 Themes in American History to 1865
- SSH102 Themes in American History since 1865
- SSH103 Western Civilization from Ancient Times to the Renaissance
- SSH104 Western Civilization from the Renaissance to Modern Times
- SSH105 World History from Ancient Times to 1500
- SSH106 World History from 1500 to the Present
- SSH110 East Asia Civilization and Societies
- SSH231 Afro-American History
- SSH232 Survey of Latin American and Caribbean History

Math/Science: 15 credits

- | | |
|--|----|
| <i>Select four to five courses from the following:</i> | 15 |
| MAT121 Elementary Statistics II | 3 |
| MAT200 Pre-Calculus (STEM) | 4 |
| MAT201 Calculus (STEM) | 4 |
| MAT202 Calculus II (STEM) | 4 |
| MAT203 Calculus III (STEM) | 4 |
| MAT204 Elementary Differential Equations | 4 |
| MAT210 Linear Algebra | 3 |
| MAT212 Linear Algebra and Vector Analysis | 3 |
| MAT221 Introduction to Probability | 4 |
| MAT231 Introduction to Discrete Math | 3 |
| SCB115 Principles of Biology | 4 |
| SCB165 Vertebrae Evolution | 3 |
| SCB201 Fundamentals of Biology I | 4 |
| SCB202 Fundamentals of Biology II | 4 |
| SCB203 Human Anatomy and Physiology I | 4 |
| SCB204 Human Anatomy and Physiology II | 4 |
| SCB208 Vertebrae Anatomy and Physiology I | 2 |
| SCB209 Vertebrae Anatomy and Physiology II | 3 |
| SCB240 Biotechnology I | 2 |
| SCB252 Fundamentals of Biotechniques | 2 |
| SCB255 Cell Biology | 3 |
| SCB260 General Microbiology | 4 |
| SCB265 Fundamentals of Ecology | 4 |
| SCC105 Introduction to Chemistry | 4 |
| SCC110 Foundations of Chemistry | 4 |
| SCC201 Fundamentals of Chemistry I | 4 |
| SCC202 Fundamentals of Chemistry II | 4 |
| SCC251 Organic Chemistry I | 5 |
| SCC252 Organic Chemistry II | 5 |
| SCG120 Introduction to Oceanography | 3 |
| SCG150 Introduction to Geographic Information Systems | 3 |
| SCI204 Research in Natural Sciences | 3 |
| SCP160 Foundations of the Physical Sciences | 3 |
| SCP201 Fundamentals of Physics I | 4 |
| SCP202 Fundamentals of Physics II | 4 |
| SCP231 General Physics I | 4 |
| SCP232 General Physics II | 4 |

Unrestricted Elective: 1 credit

TOTAL CREDITS:

60

Liberal Arts–Actuary Science

The Liberal Arts AS degree provides an opportunity for students seeking exam preparation for the professional actuarial examinations given by the Society of Actuaries and the Casualty Actuarial Society.

Students who wish to undertake this preparation should use the following courses to meet the Mathematics, Engineering and Computer Science/Natural Sciences portion of the program (24 credits):

Math, Engineering & Computer Science/Natural Sciences: 24 credits:

Choose 1 laboratory science course:

College Algebra & Trigonometry MAT115*

Pre-calculus MAT200 (if needed)**

Calculus I MAT201

Calculus II MAT202

Calculus III MAT203***

Choose 4 – 11 credits from the following:

Elementary Statistics I MAT120

Elementary Statistics II MAT121

Linear Algebra MAT210

Introduction to Probability MAT221

Introduction to Discrete Mathematical Structures MAT230

Elementary Differential Equations MAT204

Engineering Laboratory I MAE101

Engineering Laboratory II MAE103

General Physics I SCP231

General Physics II SCP232

General Chemistry I SCC201

General Chemistry II SCC202

* MAT115 is a prerequisite for MAT200.

** MAT200 is a pre-requisite for MAT201.

*** MAT203 is pre-requisite for MAT221



ALVARO CORZO / LAGUARDIA COMMUNITY COLLEGE

MUSIC RECORDING TECHNOLOGY

www.laguardia.edu/majors

The Music Recording Technology Program, offered through the Humanities Department, leads to an Associate in Applied Science (AAS) degree and provides career preparation as an audio technician. This is a jointly registered, dual-admission program designed for students interested in recording industry careers. Students will be provided with theoretical knowledge of the field, in-depth audio recording technical knowledge and practical hands-on skills.

This innovative program integrates computer, electronic, musical, and hands-on recording studio training to prepare students for jobs in the industry. The AAS degree program in Music Recording Technology addresses the critical need for skilled technicians on local and national levels in the evolving and dynamically expanding digital industry.

Music Recording Technology students will earn 33 credits at LaGuardia and 27 credits at the Institute of Audio Research (IAR) in Manhattan. Those students completing the required courses at LaGuardia or at IAR will have a seamless transition to either institution. This joint/dual program offers increased educational opportunities for students and provides alternative career/educational options. There also will be opportunities for students who wish to continue their studies at four-year colleges.

Students who need additional skill development in reading, writing, mathematics, and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the College placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 156.

Music Recording Technology: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 9 Credits

*Select three courses from the flexible core categories below.
Note: Only one course may be selected from a category and
select courses from three different disciplines.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*Additional Common Core courses will be required when
transferring to a CUNY College. To complete the degree
requirements from the Flexible Core, students are advised to
select courses from the recommended course selections listed
on the program website.*

PROGRAM CORE: 39 CREDITS

Humanities

New Student Seminar	
HUM180 Piano I	1
HUM140 Music Theory I	2
HUM146 Music Audio Recording	3
HUM210 American Music	3

Business and Technology

BTM101 Introduction to Business	3
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Music Technology

<i>Select nine of the following courses:</i>	27
HUX101 Audio Electronics	
HUX102 Basics of Digital Audio	
HUX103 Ear Training and Acoustics	
HUX104 The Business of Music	
HUX105 Audio Processing and Storage	
HUX106 Digital Music Production	
HUX107 Microphones, Amplifiers and Speakers	
HUX108 Mixing Music I	
HUX109 MIDI Applications	
HUX110 Recording Workshop	
HUX111 Mixing Music 2	
HUX112 Post-Production Audio	
HUX114 Industry Practicum	

TOTAL CREDITS:

60

NURSING

(REGISTERED NURSING)

www.laguardia.edu/majors

The Nursing Program (RN), coordinated by the Health Sciences Department, offers the Associate in Applied Science (AAS) degree. Graduates are eligible to sit for the National Council of State Boards Licensure Examination (NCLEX-RN).

The RN Program is accredited by the NYS Board of Regents (www.op.nyed.gov) and fully accredited by the ACEN. Information regarding the accreditation status of the RN Program may be attained by contacting ACEN3343 Peachtree Road N.E. Suite 850, Atlanta, GA 30326 (www.acenursing.org).

The Program prepares graduates to function as registered nurses in structured care settings, using the nursing process to provide direct care to clients. The curriculum contains a balance of nursing and general education courses to enable the graduate to provide direct client care within the legal and ethical framework of nursing. Classroom instruction for nursing courses is complemented by supplemental learning through online collaborative activities, and clinical courses also contain laboratory experiences and clinical practice in area health care facilities.

Special progression standards exist for nursing majors. Students admitted into this major are considered to be in the “pre-clinical” phase.

To be admitted into the “clinical” phase, students must meet specific criteria which are described in the Nursing Student Handbook. The Nursing Handbook is available once students begin the clinical phase of the Program.

The RN Program website provides general information and educates the student regarding admission criteria and how the ranking score which determines clinical phase admission is calculated. The Registered Nursing Student Handbook provides information on grading criteria, retention, and graduation rates as well as a summary of graduates’ employment status. To be considered for the Program, a student must register for candidacy (4399) in either the Fall I or Spring I session immediately preceeding the semester they plan to begin clinical courses.

Students who need additional skill development in reading, writing, mathematics, and communication will be required to take basic skills (page 197) and/or ESL courses. The particular courses that students must successfully complete are determined by their scores on the College placement test.

Descriptions of courses in this major begin on page 141.

Additional program information can be found on page 228.

Registered Nursing: AAS Degree

PATHWAYS COMMON CORE: 23 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I*	3
(ENA101 or ENC101 depending on placement scores)	
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following</i>	3
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life and Physical Sciences: 4 credits

SCB203 Human Anatomy and Physiology I (STEM)*	4
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B. FLEXIBLE CORE: 10 credits**

To complete the degree requirements from the Flexible Core, students are advised to select the following:

Scientific World

SCC210 Foundations of Chemistry*	4
SSY101 General Psychology*	3

Individual and Society

SSY240 Developmental Psychology	3
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*** Additional Common Core courses will be required when transferring to a CUNY College.*

PROGRAM CORE: 43 CREDITS

Health Sciences

HSF090 First Year Seminar for Health Sciences	0
SCN195 Community Health	2

Natural Sciences

SCB204 Human Anatomy and Physiology II	4
SCB260 General Microbiology	4

Nursing

SCR110 Fundamentals of Nursing	6
SCR150 Perspectives of Nursing	1
SCR200 Psychiatric Mental Health Nursing	3
SCR210 Medical Surgical Nursing I	5
SCR260 Trends in Nursing	1
SCR270 Parent-Child Health Nursing	8
SCR290 Medical Surgical Nursing II	9

*Key courses for candidacy

TOTAL CREDITS:

66

Notes:

- > Nursing courses are only offered in the day during 12-week sessions with the exception of the PN to RN Pathway coursework.
- > All students must file for Registered Nursing Candidacy (Intent to Nursing) in order to progress to the clinical phase. To be considered for the RN program, students must register for the candidacy in either the Fall I or Spring I session immediately preceding the semester they plan to begin the clinical courses.
- > Beginning in the fall 2009 semester all students applying for candidacy in the Nursing Program must provide documentation to show proof of residency in New York State. Students in the clinical phase may also be required to undergo a Criminal Background Check as part of placement at hospitals or other off campus clinical training sites. For full details on this requirement, see page 208.
- > No grade lower than “C-” will be accepted for any required Math and Science course. Science courses in which students earn a “C-,” “D+,” “D,” or “D-” may be repeated with permission of the Chairperson of the Natural Sciences Department. When Key Courses with grades of “C-,” “D+,” “D,” “D-,” or “F” are repeated, both course grades will be calculated in the Key Course average.
- > A minimum grade of C+ is required in a clinical course that is repeated.
- > Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken. Clinical courses are only transferable to senior colleges upon successful completion of the AAS degree.



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PN to Nursing Pathway: Licensed practical nurses may be eligible for an advanced standing pathway, which may exempt them from the first year of required designated nursing courses. The Pathway requires PN licensure and successfully passing the NYS Coalition for Educational Mobility’s Transition Course before applying for the 3-credit Bridge Course which begins the Pathway track into the final year of the Nursing Program leading to the AAS degree. Further information on Pathway articulation and admission is available in the Registered Nursing Student Handbook.

OCCUPATIONAL THERAPY ASSISTANT

www.laguardia.edu/majors

The Occupational Therapy Assistant Program is coordinated by the Health Sciences Department, and offers a course of study leading to the Associate in Applied Science (AAS) degree. Graduates work with occupational therapists providing services to persons with needs caused by physical conditions and injuries, developmental delay, aging, mental health concerns, cognitive limitations, or other impairments.

Such services include: using developmental and play activities to help the child who has growth problems and learning disabilities develop the skills to manage school and social learning; assisting the elderly and others with diminished physical endurance to perform essential activities of daily living and achieve maximum independence; working with patients who have lost a limb to use a new prosthesis and master normal skills; designing and fabricating hand splints and instructing the client in their use; helping depressed clients feel more positively toward their environment through the use of productive activity; and making it easier for the socially withdrawn person to interact with others through the use of planned group experiences.

Special progression standards exist for occupational therapy assistant majors. Students begin with taking courses in the “pre-clinical” phase of the major. To progress to the “clinical” phase, students must meet specific criteria described in the program’s admissions handbook. These handbooks are available in the Program office, E300. Admission requirements can also be found on the program website. Achievement of the progression standards does not guarantee advancement to the clinical phase. Currently, approximately 20 students are admitted to the clinical phase of the program each semester (Fall I and Spring I).

The Occupational Therapy Assistant Program offers day, evening, and part-time options. All Occupational Therapy Assistant students must pursue fieldwork within 18 months of completing the respective academic theory course. The entire program must be completed in a timely fashion as content changes with current practice. After completion of the introductory occupational therapy course, all remaining occupational therapy courses, including fieldwork should be completed within four years.

Graduates are eligible to sit for the national certification exam for the occupational therapy assistant, administered by the National Board for Certification in Occupational Therapy (NBCOT). Credentialing requirements for New York State licensure include graduation from a program and passing the NBCOT examination. A felony conviction may affect a graduate’s ability to sit for the NBCOT certification examination or attain state licensure.

The Occupational Therapy Assistant Program is accredited by ACOTE, The Accreditation Council for Occupational Therapy

Education of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, 4720 Montgomery Ln Ste 200 Bethesda, MD 20814-3449. AOTA’s telephone number is (301) 652-6611 or (800) SAY-AOTA (729-2682).

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 143.

Additional program information can be found on page 228.



PAUL KATZ / LAGUARDIA COMMUNITY COLLEGE

Occupational Therapy Assistant: AAS Degree

PATHWAYS COMMON CORE: 23 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE

English: 6 credits

ENG101 English Composition I*	3
(ENA101 or ENC101 depending on placement scores)	
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one course from the following:</i>	3
MAT119 Statistics with Elementary Algebra	
(depending on placement scores)	
MAT120 Elementary Statistics	

Life and Physical Sciences: 4 credits

SCB203 Human Anatomy and Physiology I (STEM)*	4
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B. FLEXIBLE CORE: 10 credits**

To complete the degree requirements from the Flexible Core, students are advised to select the following:

Scientific World

SCB204 Human Anatomy and Physiology II (STEM)	4
SSY101 General Psychology*	3

Individual and Society

SSY240 Developmental Psychology	3
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***Additional Common Core courses will be required when transferring to a CUNY College.*

PROGRAM CORE: 40 CREDITS

Health Sciences: 2 credits

HSF090 First Year Seminar for Health Sciences	0
SCN195 Community Health*	2

Social Science: 3 credits

SSY230 Abnormal Psychology	3
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Occupational Therapy Assistant Core: 35 credits

SCO101 Introduction to Occupational Therapy	3
SCO110 Legal and Ethical Aspects of Occupational Therapy	2
SCO114 Documentation in Occupational Therapy	2
SCO175 Clinical Reasoning in Occupational Therapy	2
SCO200 Physical Aspects of Human Growth & Development	2
SCO204 Occupational Therapy Process: Psychosocial Dysfunction and Geriatric Conditions	4
SCO205 Occupational Therapy Process: Physical and Developmental Disabilities	4
SCO214 Occupational Therapy Skills and Functional Activities I	3
SCO215 Occupational Therapy Skills and Functional Activities II	3
SCO230 Functional Pathology	3
SCO284 Occupational Therapy Clerkship for Psychosocial/ Dysfunction and Geriatric Conditions	1.5
SCO285 Occupational Therapy Clerkship for Physical/ Developmental Disabilities	1.5
SCO294 Occupational Therapy Fieldwork in Psychosocial Dysfunction and Geriatric Conditions	2
SCO295 Occupational Therapy Fieldwork in Physical and Developmental Disabilities	2

**Key courses for candidacy*

TOTAL CREDITS:

63

PARALEGAL STUDIES

www.laguardia.edu/majors

Students who complete the Paralegal Studies curriculum, which is administered by the Business and Technology Department, will receive the Associate in Applied Science (AAS) degree. The program, which is approved by the American Bar Association, has the following goals:

1. To give students the necessary substantive knowledge and practical skills to qualify them for entry-level positions as paralegals
2. To prepare students for successful transfer to a four-year college
3. To give students the foundation for lifelong career and personal growth

Paralegals, or legal assistants, assist lawyers in a wide range of activities. Lawyers remain responsible for paralegals' work (in general, paralegals may not themselves give legal advice, set fees or represent clients in court). In the litigation area, for example, paralegals may interview prospective clients, research the law, prepare court documents and assist at trials. Paralegals who work on corporate legal matters may prepare contracts, maintain records and ensure that a corporation has complied with various statutes and government regulations. Paralegals who work on real estate matters may prepare mortgage agreements and other documents relating to real estate transactions and assist at closings.

While the major employers of paralegals are private law firms, there are also job opportunities with government agencies, including district attorneys' offices, and a variety of other employers. In

addition, the curriculum may be highly suitable for students who contemplate pursuing other law-related careers, such as careers in law enforcement, or who seek a broad, practical knowledge of the law for its own sake.

The Paralegal Studies curriculum has been carefully designed to balance paralegal specialty and related courses with a broad liberal arts background. Students gain valuable practical experience through internships. Paralegal specialty courses are taught by experienced attorneys.

Students can transfer up to 30 credits earned at other, accredited colleges and universities. These transfer credits can include up to nine credits for paralegal specialty courses. To be transferable, paralegal specialty courses taken elsewhere must be part of a degree program and must be comparable to courses in the LaGuardia curriculum.

Students who need additional skill development in reading, writing, mathematics, and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 107.



DANIELLE SALTIEL / LAGUARDIA COMMUNITY COLLEGE

Paralegal Studies: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following:</i>	3
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life and Physical Science: 3 credits

<i>Select one of the following:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 9 credits

*Select three courses from the flexible core categories below.
Note: Only one course may be selected from a category and
select courses from three different disciplines.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*Students are advised to select an Urban Study course to
fulfill a college requirement. Additional Common Core
courses will be required when transferring to a CUNY
College. To complete the degree requirements from the
Flexible Core, students are advised to select courses from
the recommended course selections listed on the program
website.*

PROGRAM CORE: 39 CREDITS

Business and Technology

BTF101 First Year Seminar for Business	2
BTA111 Principles of Accounting I	4
BTM101 Introduction to Business	3
BTM110 Business Law	3
BTI121 People, Work and Organizations	3
BTI201 Business Internship	2

Paralegal Studies

BTP101 Introduction to Paralegal Studies	3
BTP204 Legal Research and Writing	3
BTP205 Civil Litigation	3
BTP211 Computer Applications for Paralegals	3

Select three of the following: 9

BTP 201 Administrative Law	
BTP202 Wills, Trusts and Estates	
BTP203 Family Law	
BTP207 Real Estate Law for Paralegals	
BTP208 The Law of Business Enterprises for Paralegals	
BTP209 Criminal Law and Procedure	
BTP212 Immigration Law	
BTP213 Bankruptcy Law	

Unrestricted elective: 1 credit 1

TOTAL CREDITS:

60

PARAMEDIC

www.laguardia.edu/majors

The Paramedic Program is coordinated by the Health Sciences Department.

LaGuardia Community College has been setting the standard for Emergency Medical Services (EMS) training since 1996. The Paramedic Program at LaGuardia has enjoyed a rich history of developing many of New York City's finest paramedics, boasting 11 years of 100% pass rates on the NYS Department of Health Paramedic Certification Exam. Many of our graduates continue on in their EMS careers to take advantage of higher degrees and their national certifications. With the excellent reputation and experience our program offers, it's clear why you should make the LaGuardia Paramedic Program your choice for EMS education, and we look forward to helping you advance your career to the next level.

Descriptions of courses in this major begin on page 145.



PAUL KATZ / LAGUARDIA COMMUNITY COLLEGE

Paramedic AAS Degree

PATHWAYS COMMON CORE: 26 CREDITS

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

MAT115 College Algebra and Trigonometry	3
MAT117 Algebra and Trigonometry (depending on placement scores)	

Life and Physical Sciences: 4 credits

SCB203 Human Anatomy and Physiology I	4
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B. FLEXIBLE CORE: 13 credits

To complete the degree requirements, students are advised to select the following:

Scientific World

SCB204 Human Anatomy and Physiology I	4
SSY101 General Psychology	3

Individual and Society

HUP102 Critical Thinking	3
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U.S. Experience in its Diversity

SCN194 HIV/AIDS, Science and Society	3
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Additional Common Core courses will be required when transferring to a CUNY college.

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 34 CREDITS

Health Sciences

HSF090 First Year Seminar for Health Sciences	0
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Paramedic

SCE110 Fundamentals of Paramedic I	6
SCE111 Fundamentals of Paramedic II	6
SCE203 Intermediate Paramedic I	5
SCE204 Intermediate Paramedic II	6
SCE205 Advanced Paramedic I	6
SCE206 Advanced Paramedic II	5

TOTAL CREDITS: 60

PHILOSOPHY

www.laguardia.edu/majors

The Philosophy Program, administered by the Humanities Department, leads to an Associate in Arts (AA) degree. Philosophy majors study the core areas of philosophy and acquire the critical thinking abilities that are essential for success in all careers and areas of life. Philosophy, which means in the Greek “love of wisdom,” expands horizons, develops the mind and acquaints students with the great literature and intellectual heritage fundamental to our culture and society. It is a discipline that seeks to answer life’s most important questions: Who am I? Am I free? What is real? What is true? What is my moral compass? Does God exist? How can I create a meaningful life? In addition to helping students excel in all areas of academic study, philosophy has also been called “the ultimate transferable work skill” because it helps students develop the abilities that employers in all fields value: how to think critically, reason effectively, communicate clearly, solve problems intelligently, make enlightened decisions and construct thoughtful, well-grounded beliefs. The Times of London writes of philosophy in America: “The great virtue of philosophy is that it teaches not only what to think, but more importantly how to think...The employability rate for philosophers is 98.9%, impressive by any standard.”

LaGuardia’s nationally recognized and respected program in Philosophy and Critical Thinking offers a wide variety of courses that will prepare students for successful transfer to 4-year institutions and provides a firm foundation from which graduates may launch accomplished careers in law, business, medicine, journalism, publishing, computer science, education, history psychology, and many other areas. This is especially the case for students who go on for graduate or professional degrees, whether in philosophy or another field. In addition to taking courses, philosophy students at LaGuardia are encouraged to participate in extra-curricular opportunities such as the very energetic Philosophy Club that meets every week to discuss provocative issues, view and discuss films and take field trips. Students are also invited to submit articles to the LaGuardia philosophy journal, “The Gadfly.” The Philosophy Program is also actively involved in the Honors Program, which provides additional academic opportunities for qualifying students.

The Philosophy area provides a supportive and stimulating environment for its students, creating a community of thinkers dedicated to the pursuit of reflective understanding. The faculty work closely with philosophy majors as mentors to help them plan their curriculum, guide their career explorations, apply for scholarships, and transfer successfully to the right 4-year college. Many students take double majors when they transfer — one in philosophy and another in, say, psychology or English — with a view to careers as psychologists or creative writers. Philosophy easily combines in this way with work in many professional fields. The Philosophy Program’s curriculum has been developed in close consultation with Brooklyn College, and students may transfer there as juniors to the Philosophy Major. In addition, articulations with other branches of CUNY including Queens, Lehman, and Baruch ensure that all philosophy courses are fully transferable.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the College placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major can be found beginning on page 159.

* HUP275 is a Capstone course that has a prerequisite of three Philosophy courses including HUP101. The student must also have completed 45 credits.

Philosophy: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I 3
(ENA101 or ENC101 depending on placement scores)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one course from the following: 3
MAT107 Mathematics and the Modern World
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry
(depending on placement scores)
MAT119 Statistics with Elementary Algebra
(depending on placement scores)
MAT120 Elementary Statistics

Life and Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE: 18 credits

*Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*To complete the degree requirements from the Flexible Core,
students are advised to select courses from the recommended
course selections listed on the program website. Note: Student
can select only two courses from any one discipline.*

PROGRAM CORE: 30 CREDITS

Counseling

LIF101 First Year Seminar for Liberal Arts 3

Humanities

Select one of the following courses: 3
HUN192 Art and Society
HUN195 Art in New York

Social Science

Select one of the following courses: 3
SSH103 Western Civilization from Ancient Times to the
Renaissance
SSH104 Western Civilization from the Renaissance to
Modern Times
SSH105 World History from Ancient Times to 1500
SSH106 World History from 1500 to the Present

Philosophy

HUP101 Introduction to Philosophy 3
HUP275 Landmarks in Philosophy 3

Select five of the following courses: 15
HUP102 Critical Thinking
HUP104 Ethics and Moral Issues
HUP105 Philosophy of Religion
HUP106 Social & Political Philosophy
HUP107 Philosophy of Art
HUP108 Environmental Ethics
HUP109 Philosophy of Law
HUP112 Logic and Philosophy
HUP114 Medical Ethics
HUP116 Latin American Philosophy
HUP118 African Philosophy
HUP121 Eastern Philosophical Traditions
HUP122 Philosophy of Gender and Sex
HUP215 Philosophy of Love
HUP221 Philosophy of Mind

TOTAL CREDITS:

60

PHYSICAL THERAPIST ASSISTANT

www.laguardia.edu/majors

The Physical Therapist Assistant Program, administered by the Health Sciences Department, leads to an Associate in Applied Science (AAS) degree and its graduates are eligible for certification by the New York State Education Department, Office of the Professions. The program is approved by the New York State Education Department and accredited by the Commission on Accreditation of Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, Virginia 22314, website: www.apta.org. Passing the National Certification Exam after graduation is required.

Graduates work under the supervision of a licensed physical therapist in a variety of settings including: outpatient practices, hospitals, nursing homes, rehabilitation centers, schools and sports centers. Physical Therapist Assistants carry out the plan of care established by the Physical Therapist, and work with patients who have neuromuscular, musculoskeletal, cardiopulmonary and integumentary impairments.

The interventions performed by the Physical Therapist Assistant include therapeutic exercise, aerobic conditioning, gait training, pain management, heat and cold treatment, massage, electrotherapy and muscle re-education. The program consists of classroom and laboratory courses at the College, as well as clinical affiliations in different physical therapy settings.

Special progression standards exist for physical therapist assistant majors. Students take courses in the “pre-clinical” phase of the major. To progress to the “clinical” phase, specific criteria must be met as described in the program’s admissions handbook. The handbook is available from the Program Director in Room E300 and from the Admissions Office. Achievement of the progression standards does not guarantee advancement to the clinical phase of the program. Completion of 50 volunteer hours in physical therapy with a letter from the physical therapy supervisor is required prior to entering the clinical phase.

Students who need additional skill development as determined by the College placement exam will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on basic skills requirements, see page 197.

Additional program information can be found on page 228.

Descriptions of courses in this major begin on page 146.

Physical Therapist Assistant: AAS Degree

PATHWAYS COMMON CORE: 23 CREDITS

This program has a waiver to list specific courses to complete Common Core requirements.

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I*	3
(ENA101 or ENC101 depending on placement scores)	
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

MAT119 Statistics with Elementary Algebra	
(depending on placement scores)	
MAT120 Elementary Statistics	

Life and Physical Sciences: 4 credits

SCB203 Human Anatomy and Physiology I (STEM)*	4
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B. FLEXIBLE CORE: 10 credits**

To complete the degree requirements from the Flexible Core, students are advised to select the following:

Scientific World

SCB204 Human Anatomy and Physiology II	4
SSY101 General Psychology*	3

Individual and Society

HUP102 Critical Thinking	3
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*** Additional Common Core courses will be required when transferring to a CUNY College.*

PROGRAM CORE: 45 CREDITS

Health Science

HSF090 First Year Seminar for Health Sciences	0
SCN195 Community Health*	2
SCO230 Functional Pathology	3

Social Science

SSY240 Developmental Psychology I	3
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Physical Therapist Assistant

SCT101 Introduction to Physical Therapy	2
SCT102 Ethical Concepts for PTA's	2
SCT203 Clinical Kinesiology	4
SCT211 Therapeutic Procedures I	4
SCT212 Therapeutic Procedures II	3
SCT220 Mobility Skills in Physical Therapy	3
SCT221 Functional Gait Training Skills	3
SCT230 Orthopedic Therapeutic Exercise	4
SCT231 Neuromuscular Rehabilitation	4
SCT290 Physical Therapist Assistant Clinical Affiliation and Seminar I	2
SCT291 Physical Therapist Assistant Clinical Affiliation and Seminar II	3
SCT292 Physical Therapist Assistant Clinical Affiliation and Seminar III	3

** Key courses for candidacy*

TOTAL CREDITS:

68

PRACTICAL NURSING CERTIFICATE

www.laguardia.edu/majors

The Practical Nursing Program, coordinated by the Health Sciences Department, offers a certificate in Practical Nursing. Graduates will be eligible to sit for the National Council of State Boards Licensure Examination for Practical Nurse (NCLEX-PN).

This certificate program is approved by the NYS Education Department (www.op.nyed.gov) and divided into two phases, pre-clinical and clinical. The Program is a 48-credit, certificate-bearing program organized to be rigorous but supportive of adult learners from diverse cultural and literacy experiences. It provides students with the opportunity to complete the course of study in 10 months after completion of the pre-clinical phase. The program prepares men and women to function as practical nurses, performing tasks and responsibilities within the framework of case finding, health teaching, health counseling, and the provision of supportive and restorative care in health care facilities that offer chronic and acute care services within the scope of the Nursing Practice Act. The classroom instruction for each nursing course is complemented by campus laboratory experience and clinical practice in area health care facilities. Teaching-learning strategies employed to help ensure students' learning include ePortfolio, collaborative group activities, and writing intensive assignments. The curriculum is designed for students with a high school diploma or GED. Students must move through a prescribed curriculum and may not take courses out of sequence.

Students admitted into this program are considered to be in the phase, students must meet specific criteria. Admission to the clinical phase of the program is competitive due to the program's limited capacity; therefore students should strive for a high GPA in all required courses. Achievement of the progression standards does not guarantee advancement to the clinical phase.

Beginning the Fall 2009 semester all students applying for candidacy in the Nursing Program must provide documentation to show proof of residency in New York State. For full details on this requirement, see page 228.

Students in the clinical phase may be required to undergo a Criminal Background Check as part of placement at hospitals or other off-campus clinical training sites. In addition, the Office of the Professions of the New York State Education Department requires that a criminal background check be conducted prior to granting a license to practice nursing. For additional information on this requirement, see page 228.

Completion of the recommended general education and clinical courses during the clinical phase of the Practical Nursing Certificate Program is comprised of two 12-week and one 6-week semester. The clinical experiences in area institutions which supplement

continued on next page



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classroom theory are provided in a variety of practice settings, including hospitals, nursing homes and community health care facilities.

Additional program information can be found on page 228.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. The particular courses that students must successfully complete are determined by their scores on the College placement test (see Notes).

PN to Nursing Pathway: Licensed practical nurses may be eligible for an advanced standing pathway, which may exempt them from the first year of required designated nursing courses. The Pathway requires PN licensure and successfully passing the NYS Coalition for Educational Mobility's Transition Course before applying for the 3-credit Bridge Course which begins the Pathway track into the final year of the Nursing Program leading to the AAS degree. Further information on Pathway articulation and admission is available in the Registered Nursing Student Handbook.

Notes:

- > Beginning in the fall 2009 semester all students applying for candidacy in the Nursing Program must provide documentation to show proof of residency in New York State. Students in the clinical phase may also be required to undergo a Criminal Background Check as part of placement at hospitals or other off campus clinical training sites. For full details on this requirement, see page 208.
- > No grade lower than "C-" will be accepted for any required Math and Science course. Science courses in which students earn a "C-," "D+," "D," or "D-" may be repeated with permission of the Chairperson of the Natural Sciences Department. When Key Courses with grades of "C-," "D+," "D," "D-," or "F" are repeated, both course grades will be calculated in the Key Course average.
- > All students must file for Candidacy in order to progress to the clinical phase. To be considered, students must register for Candidacy (4199) in either the Fall I or Spring I session immediately preceding the semester they plan to begin clinical courses.
- > Students will be dropped from the program for grades less than "C." In addition, a requirement for completion is satisfactory evaluation in each clinical area. Students must earn a passing grade on a comprehensive Nursing Exam and a grade of 100 on a final dosage calculation examination.

Practical Nursing Certificate Curriculum

Health Science

First Year Seminar for Health Science HSF090 0

English: 3 credits

Composition I / ENC/G101* 3

Natural Sciences: 8 credits

Human Anatomy and Physiology I SCB203* 4

Human Anatomy and Physiology II SCB204 4

Social Science: 6 credits

General Psychology SSY101* 3

Developmental Psychology SSY240 3

Math, Engineering & Computer Science: 2 credits

Mathematics of Medical Dosages MAT106* 2

Practical Nursing: 29 credits

12-week semester I: 14 credits

Fundamental Nursing Concepts and Skills SCL101 5

The Science and Art of Nursing: Introduction to Practical Nursing SCL102 3

Pharmacology and Nutrition Across the Health Continuum SCL103 3

6-week semester I: 6 credits

Parent-Child Nursing SCL114 6

12-week semester II: 12 credits

Mental Health Nursing SCL105 3

The Science and Art of Nursing: Transition from Student to Graduate Practical Nurse SCL118 2

Medical Surgical Nursing II SCL119 7

TOTAL CREDITS: 48

* Pre-clinical Key Courses

PSYCHOLOGY

www.laguardia.edu/majors

The Social Science Department administers the Psychology Program, which leads to an Associate in Arts (AA) degree. Students selecting this degree will be prepared to transfer into psychology programs at four-year institutions with a solid foundation in the discipline. In particular, York College will accept all the credits of our AA degree towards their Bachelor of Arts (BA) degree program in psychology. Students who receive their AA in psychology will be exposed to an extraordinarily diverse field. The Program has full time faculty members specializing in many diverse fields, among them, clinical, developmental, social and experimental psychology; they teach, advise and mentor the students majoring in psychology.

Psychology is a science that is deeply rooted in both basic and applied research; it also has many clinical and educational applications. From delivering mental health care to individuals, to providing consultation to various communities and organizations, psychology as a discipline revolves around understanding mechanisms that shape behavior and mental processes. This understanding can be used towards improving human relations. Psychology students develop valuable skills ranging from collecting, analyzing, and interpreting data, to working with statistics and experimental designs. Psychology offers rigorous training in the scientific method, exposure to thorough, objective research, the analysis of data, and the reporting of findings with clarity that prepares psychology majors for future careers. These skills can be used in a wide variety of work settings, from human services to business, criminal justice, health and recreation. The study of psychology, with its emphasis on evidence-based critical thinking, helps one become a better student of other subjects. The additional insight gained from psychology courses and a required internship helps students in general, whether they are functioning as parents at home, managers on the job, or professionals in other fields, to understand their own motivation and behavior in a more comprehensive way.

Studying psychology will help develop people skills (communicating with and relating to individuals from diverse backgrounds), analytical skills (for example, figuring out why a certain problem occurs and how to minimize or eliminate it), writing skills (for example, writing a logically developed report), and research skills (for example, using statistics, tables, and graphs to analyze problems and communicate relevant findings). Many of these skills are aspects of LaGuardia Community College's core competencies and studying psychology will enhance students' proficiencies in these areas.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the College placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 197.

Description of courses in this major begin on page 190.



PAUL KATZ / LAGUARDIA COMMUNITY COLLEGE

Psychology: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 credits

*Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*To complete the degree requirements from the Flexible Core,
students are advised to select courses from the recommended
course selections listed on the program website. Note: Student
can select only two courses from any one discipline.*

PROGRAM CORE: 30 CREDITS

Psychology: 21 credits

SYF101 First Year Seminar for Psychology	3
SSY101 General Psychology	3
SSY230 Abnormal Psychology	3
SSY240 Developmental Psychology I	3
SSY250 Social Psychology	3

<i>Select one course from the following:</i>	3
SSY200 Personality	
SSY205 Psychology of Women	
SSY241 Developmental Psychology II	

<i>Select one course from the following:</i>	3
SSN184 Environmental Psychology	
SSN280 Urban Black Psychology	

Social Science: 6 credits

<i>Select one course from the following:</i>	3
SSA101 Cultural Anthropology	
SSS100 Introduction to Sociology	

<i>Select one course from the following:</i>	3
SSH101 Themes in American History to 1865	
SSH102 Themes in American History since 1865	
SSH103 Western Civilization from Ancient Times to the Renaissance	
SSH104 Western Civilization from the Renaissance to Modern Times	
SSH105 World History from Ancient Times to 1500	
SSH106 World History from 1500 to the Present	
SSH110 East Asia Civilization and Societies	
SSH231 Afro-American History	
SSH232 Survey of Latin American and Caribbean History	

Unrestricted electives: 3 credits:	3
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TOTAL CREDITS:

60

RADIOLOGIC TECHNOLOGY

www.laguardia.edu/majors

The Radiology Technology Program is coordinated by the Health Sciences Department, and provides students with the educational and clinical training leading to an Associate in Applied Science (AAS) degree. The program has been approved by the New York State Department of Education.

The Radiology Technology program prepares students to enter the workforce as entry-level radiographers. Upon successful completion of state license/certification, graduates will be able to work in a variety of health care settings. Hospitals, nursing homes, outpatient radiography centers and research facilities are just a few examples where radiographers are employed.

Students applying to the Radiology Technology major are admitted to the pre-clinical phase of the program. To progress to the clinical phase of the program, students must apply for candidacy.

Candidacy Requirements:

- > Complete four key courses (ENG101, SCB203, MAT115, and SSN187)
- > Minimum GPA in key courses 2.50
- > No grade lower than a C- will be accepted for science courses (SCB203/SCB204).

Students who are accepted for candidacy and advised by the Radiology Technology program director will progress to the clinical phase of the program. Students who are not accepted for candidacy will not be eligible to register for courses in the clinical phase of the Radiology Technology program.

For further information or to pick up a Radiology Technology Program Student Information packet, come to room E300.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 147.

Additional program information can be found on page 228.

*** The Prerequisite for SSN187 is waived for students in the Radiologic Technology program.

Radiology Technology: AAS Degree

PATHWAYS COMMON CORE: 20 CREDITS

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I*	3
(ENA101 or ENC101 depending on placement scores)	
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

MAT115 College Algebra and Trigonometry	3
MAT117 Algebra and Trigonometry (depending on placement scores)	

Life and Physical Sciences: 4 credits

SCB203 Human Anatomy and Physiology I	4
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B. FLEXIBLE CORE: 7 credits**

To complete the degree requirements, students are advised to select the following:

Scientific World

SCB204 Human Anatomy and Physiology II	4
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U.S. Experience in its Diversity

SSN187 Urban Sociology***	3
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** Additional Common Core courses will be required when transferring to a CUNY College.

To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website.

PROGRAM CORE: 47 CREDITS

Health Science

HSF090 First Year Seminar for Health Sciences	0
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Radiologic Technology

SCX101 Radiologic Technology I	3
SCX102 Radiologic Technology II	3
SCX105 Radiologic Procedures I /w Lab	4
SCX106 Radiologic Procedures II /w Lab	4
SCX109 Clinical I	2
SCX110 Principles of Radiologic Exposure I	3
SCX111 Principles of Radiologic Exposure II	3
SCX119 Clinical II	2
SCX129 Clinical III	2
SCX201 Radiologic Technology III	3
SCX205 Radiologic Technology Procedures III with Lab	4
SCX209 Clinical IV	2
SCX219 Clinical V	2
SCX229 Clinical VI	2
SCX240 Cross Sectional Anatomy	1
SCX245 Pathology and Fracture Radiography	2
SCX250 Imaging Modalities I	3
SCX260 Film Evaluation and Critique	2

*Pre-clinical course

TOTAL CREDITS:

67

SPANISH-ENGLISH TRANSLATION

www.laguardia.edu/majors

The Spanish-English Translation major, housed in the Department of Education and Language Acquisition, is fully articulated with Hunter College. Students can earn an Associate of Arts (AA) degree from LaGuardia Community College and continue working toward a Bachelor of Arts (BA) degree in Spanish-English and English-Spanish Translation at Hunter College. This program is designed to allow LaGuardia students to earn 60 credits in core academic foundations which meet all lower division requirements for candidates for the Spanish Major's concentration in Spanish-English/English-Spanish Translation and Interpretation at Hunter College. Students are encouraged to complete the BA degree since it opens many career opportunities in translation and interpretation in the court system, hospitals, state and municipal agencies, corporations and nonprofit organizations.

Students enrolled in the Spanish-English Translation program will be able to complete internships at a range of government agencies

and nonprofit organizations available through the Cooperative Education Department at LaGuardia. These work experiences enable the student to bridge the gap between classroom theory and practical applications in the field of translation and interpretation providing valuable experience for choosing a career and subsequent full-time employment.

Students entering the Spanish-English Translation Program will not receive credit for prior knowledge of Spanish.

Students who need additional skill development in reading, writing, mathematics, and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the College placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 126.



ALVARO CORZO / LAGUARDIA COMMUNITY COLLEGE

Spanish-English Translation: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 credits

*Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*Students are advised to select one Urban Study course to
complete college requirement. To complete the degree
requirements from the Flexible Core, students are advised to
select courses from the recommended course selections listed
on the program website. Note: Student can select only two
courses from any one discipline.*

PROGRAM CORE: 30 CREDITS

Counseling

New Student Seminar	0
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Humanities

HUC109 Argumentation & Debate	3
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Business and Technology

BTC100 Introduction to Computers and their Applications	3
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Social Science

<i>Select one of the following courses:</i>	3
SSA101 Cultural Anthropology	
SSA120 People & Cultures of the Caribbean	
SSP101 U.S. Policies & Power	

Education & Language Acquisition

ELS200 Latin American Literature I	3
ELS209 Spanish Grammar and Usage	3
ELS204 Latin American Civilizations	3
ELS210 Advanced Spanish Composition	3
ENG/ELL110 English Grammar and Syntax	3

<i>Select one of the following courses:</i>	3
ELN101 Introduction to Bilingualism	
ELN194 The Puerto Rican Community Minority Group Experience	

Unrestricted electives: 3 credits

TOTAL CREDITS:

60

THEATRE PROGRAM

www.laguardia.edu/majors

The Theatre Program, offered through the Humanities Department, leads to an Associate of Science (AS) degree and provides students with skills and knowledge necessary to pursue a wide spectrum of careers in the theatre and entertainment industry.

Students develop performance-based skills through a combination of classroom training and theatre experience. Participation in productions — classic and modern plays, musicals, developmental readings, and student productions — will be a part of every students' program.

Students also gain a foundation in academic theatre. Studies include the ability to analyze, critically assess and write about theater through rigorous courses in theatre history, dramatic analysis and the contemporary New York theatre scene.

This balanced approach to the AS in Theatre degree provides students with a strong foundation in which to pursue a career in performance or production (acting, directing, design, stage managing, producing) or a scholarly career (critic, dramaturge, historian, teacher, playwright). Students transferring to a senior college will have the option of pursuing a Bachelor of Arts, Bachelor of Science, or a Bachelor of Fine Arts degree.

Through internships with New York City based theatre organizations, students gain vital knowledge and hands-on experience in the production and creation of theatre. Additionally, through a partnership with the LaGuardia Performing Arts Center (LPAC), students have the opportunity to observe and work with top theatre and entertainment professionals in the creation of new works.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the College placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 157.

Theatre Program: AS Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

Students are advised to select one Urban Study course to complete college requirement. To complete the degree requirements from the Flexible Core, students are advised to select courses from the recommended course selections listed on the program website. Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 30 CREDITS

Theatre

HUT101 Art of Theatre	3
HUT110 Acting I	3
HUT111 Acting II	3
HUT122 Introduction to Design for the Theatre	3
HUT195 Theatre Production Workshop	3
HUT210 Theatre: Pre-history to Renaissance	3
HUT211 Theatre: Renaissance to Modern Times	3
HUN245 New York Theatre Experience	3
HUT299 Experiential Learning in Theatre	3
<i>Select one of the following courses</i>	3
HUM201 American Musical Theatre Experience	
HUT112 Acting for Screen	
HUT127 Rehearsal and Performance	
HUT175 Directing for the Stage	
HUT220 Contemporary Latina/o Theatre	
HUT230 Acting III	

TOTAL CREDITS: 60

THERAPEUTIC RECREATION

www.laguardia.edu/therapeutic-recreation

The Therapeutic Recreation program will begin accepting new students for Fall 2017; current LaGuardia students may change their major to Therapeutic Recreation beginning in Spring 2017.

The Therapeutic Recreation Program, coordinated by the Health Sciences Department, offers a course of study that leads to an Associate of Science (AS) degree. The Therapeutic Recreation program will also allow students to continue their studies in the program at Lehman College where they will complete a Bachelor in Science degree in Therapeutic Recreation or Recreation Education.

Therapeutic Recreation, also known as Recreation Therapy, is an occupation that utilizes recreation and other activity-based interventions (techniques/programs) to address the assessed needs of individuals with illnesses and/or disabling conditions, as a means to psychological and physical health, recovery and well-being.

LaGuardia's Therapeutic Recreation Program curricula is designed to equip students with the necessary skills and competencies required to function efficiently as Recreation Therapists, Recreation Leaders/Assistants in the field of Therapeutic Recreation. The TR program is a non-candidacy program that may attract students who wish to pursue a career in the Allied Health field without the candidacy requirements of other Health Sciences programs. Students must have a minimum GPA of a 2.5 and have earned a grade of at least a C (75) in all required program courses AND all College-Level Course Pre-requisites at LaGuardia Community College in order to be considered for transfer.

Therapeutic Recreation (TR) is one of the fastest growing health-related professions. According to the U.S. Bureau of Labor Statistics, employment in recreation therapy positions is projected to grow faster than the average, with a more focused increase in the care needs of the aging population.

An increase in opportunities is also expected with school-aged children with disabilities.

** After graduation, students would be able to obtain employment in titles such as Recreation Assistants or Recreation Leaders*

The TR program includes successful completion of a 60 hour supervised clinical internship that prepares students for careers working with individuals with developmental, mental, and physical disabilities in various healthcare settings, such as hospitals, nursing homes, correctional facilities, wilderness programs, community centers, schools, assisted living facilities and senior centers.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully compete are determined by their scores on the College placement tests. For more information on basic skills requirements, see page 197.

To view course descriptions go to
www.laguardia.edu/therapeutic-recreation

Therapeutic Recreation AS Degree

PATHWAYS COMMON CORE: 32 CREDITS

A. REQUIRED CORE: 13 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

MAT120 Elementary Statistics	3
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Life & Physical Sciences: 4 credits

SCB203 Human Anatomy & Physiology	4
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B. FLEXIBLE CORE: 19 Credits

Select one course from each of the five flexible core categories AND one additional course from any flexible core category.

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society- *Students are encouraged to take SSY240 Developmental Psychology I*
Scientific World - *Students are encouraged to take SCB204 Human Anatomy & Physiology II*

Note: Student can select only two courses from any one discipline.

PROGRAM CORE: 28 CREDITS

Health Sciences

HSF090 First Year Seminar for Health Sciences	
SCN195 Community Health	2

Humanities

HUP102 Critical Thinking	3
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Social Science

SSY101 General Psychology	3
SSY230 Abnormal Psychology	3
SSY241 Developmental Psychology II	3

Therapeutic Recreation

HTR100 Introduction to Therapeutic Recreation	3
HTR101 History, Philosophy & Culture of Recreation/ Leisure	3
HTR102 Legal/ Ethical Issues in Therapeutic Recreation	3
HTR200 Therapeutic Recreation and Long Term Care	3
HTR201 Therapeutic Recreation Fieldwork	2

TOTAL CREDITS: 60

TRAVEL, TOURISM AND HOSPITALITY MANAGEMENT

www.laguardia.edu/majors

The Travel, Tourism and Hospitality Management curriculum, a course of study leading to the Associate in Applied Science (AAS) degree, is administered by the Business and Technology Department and co-sponsored by the Social Science Department. The program is designed to prepare students either for career-entry positions in the travel and tourism industry or for transfer to tourism management programs at senior colleges.

The travel and tourism industry is very diverse. It encompasses airline, bus, rail and ship travel; hospitality enterprises (hotels, motels, resorts); tour packaging; retail and wholesale travel agencies; car rental; etc. Each of these areas has employment needs on several levels: sales, market research and development, packaging and advertising, customer service, operations and general management.

The curriculum is designed to meet the needs of the industry, combining liberal arts courses, business courses, specialized courses in travel and tourism and the experience of an internship. The Cooperative Education internship gives students experience as travel industry employees, enabling them to utilize the knowledge learned in the classroom and to learn the realities of working at their chosen profession. The travel operations courses in the program are taught by experienced professionals.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test.

For more information on the basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 109.



KRISTIAN LARROTA / LAGUARDIA COMMUNITY COLLEGE

Travel, Tourism & Hospitality Management: AAS Degree

PATHWAYS COMMON CORE: 21 CREDITS

A. REQUIRED CORE: 12 credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 9 Credits

*Select three courses from the flexible core categories below.
Note: Only one course may be selected from a category and
select courses from three different disciplines.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*Additional Common Core courses will be required when
transferring to a CUNY College. To complete the degree
requirements from the Flexible Core, students are advised to
select courses from the recommended course selections listed
on the program website.*

PROGRAM CORE: 39 CREDITS

Business and Technology

BTF101 Freshman Seminar for Business	2
BTA111 Principles of Accounting I	4
BTC200 Introduction to Information Systems	3
BTM101 Introduction to Business	3
BTI121 People, Work and Organizations	3
BTI201 Business Internship	2

Travel, Tourism & Hospitality Management Core

BTT101 Introduction to Travel, Tourism and Hospitality Management	3
BTT202 World Travel and Tourism Destinations	3
BTT203 Travel, Tourism and Hospitality Technology Systems	3
BTT212 Customer Service and Sales	3
BTN211 Travel, Tourism and Hospitality Marketing	3

Unrestricted electives: 1 credit

TRAVEL AND TOURISM CONCENTRATION

<i>Select two of the following courses:</i>	6
BTT221 Travel Agency Operations and Management	
BTT222 Special Interest Tourism	
BTT223 Meeting and Event Planning	
BTT224 Destination Tourism Management	

HOSPITALITY CONCENTRATION

<i>Select two of the following courses:</i>	6
BTT223 Meeting and Event Planning	
BTT231 Hotel and Lodging Operations and Management	
BTT232 Front Office Management	
SCD100 Foods	
SCD250 Production Management	

TOTAL CREDITS:

60

VETERINARY TECHNOLOGY

www.laguardia.edu/majors

The Veterinary Technology Program provides for both classroom and clinical training in the areas of small and large animal care and laboratory animal science. It is coordinated by the Health Sciences Department and leads to an Associate in Applied Science (AAS) degree. The program meets requirements set forth by the New York State Department of Education, is accredited by the American Veterinary Medical Association and will prepare the graduate for the licensing exam to be a Veterinary Technician.

Veterinary Technicians work under the supervision of a veterinarian in a wide variety of tasks. These include such services as: collection of specimens and performance of tests on blood and urine; preparation of animal patients and equipment for surgery; routine nursing of medical and surgical patients; exposure and development of radiographs; supervision of subordinate hospital personnel; and routine business management procedures.

Special progression standards exist for veterinary technology majors. Students admitted into this program since Fall 1999 are considered to be in the “pre-clinical” phase of the major. To progress to the “clinical” phase, students must meet specific criteria which are described in the Veterinary Technology Student Handbook. This handbook is available from the Admissions Office and from the program director. Achievement of the progression standards does not guarantee advancement to the clinical phase. Only a small number of students are admitted to the clinical phase due to program capacity. Students admitted to the clinical phase will be required to assist in care and handling of the program’s animals as part of course requirements.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the required course section of the curriculum. The particular courses students must successfully complete are determined by their scores on the College placement test. For more information on the basic skills requirements, see page 197.

Please check with the Vet Tech Office for the latest information on specific health requirements for admission to the clinical phase of the program. Descriptions of courses are found on page 149.

Additional program information can be found on page 228.

Notes: The Veterinary Technology courses required for this program are offered in the day. Students should consult with program faculty in the selection of elective courses to ensure maximum transferability.

Veterinary Technology: AAS Degree

PATHWAYS COMMON CORE: 19 CREDITS

A. REQUIRED CORE: 10 credits

English: 6 credits

ENG101 English Composition I*	3
(ENA101 or ENC101 depending on placement scores)	
ENG102 Writing through Literature	3

Life and Physical Sciences: 4 credits

SCC110 Foundations of Chemistry (STEM)*	4
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B. FLEXIBLE CORE: 9 credits**

To complete the degree requirements, students are advised to select the following:

U.S. Experience in its Diversity

SSN187 Urban Sociology	3
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Individual and Society

HUP102 Critical Thinking	3
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Scientific World

SCB209 Vertebrate Anatomy and Physiology II	3
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** Additional Common Core courses will be required when transferring to a CUNY College.

PROGRAM CORE: 46 CREDITS

Health Sciences

HSF090 First Year Seminar for Health Sciences	0
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Mathematics, Engineering and Computer Science

MAT106 Medical Math Dosages*	2
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Natural Science

SCB208 Vertebrate Anatomy and Physiology I	3
SCB260 General Microbiology	4

Veterinary Technology

SCV101 Introduction to Veterinary Technology	3
SCV150 Principles of Animal Control	2
SCV201 Research Animal Technology	4
SCV210 Veterinary Nursing I	4
SCV211 Veterinary Nursing II	4
SCV212 Veterinary Radiography	3
SCV213 Veterinary Laboratory Techniques	3
SCV214 Farm Animal Nursing	3
SCV220 Principles of Exotic Animal Medical Care	2
SCV231 Vet Tech Internship I	2
SCV234 Vet Tech Internship II	3
SCV247 Pathophysiology	2
SCV262 Pharmacology & Toxicology	3

*Key courses for candidacy

TOTAL CREDITS:

65

WRITING AND LITERATURE

www.laguardia.edu/majors

The Writing and Literature Program, administered by the English Department, leads to an Associate in Arts (AA) degree. Based on a foundational curriculum which introduces students to literary traditions, the program is organized around the English Department's elective courses in literature, survey courses, as well as courses in creative and expository writing. The program also draws on LaGuardia's strong curriculum in the Humanities and Social Sciences for relevant cross-listed courses. The Writing and Literature Program is designed to help students understand the historical and contemporary importance of writing and literature in diverse cultural contexts.

The program also provides students with the opportunity for exciting extra-curricular activities. Students in the Writing and Literature Program are encouraged to participate in departmental and college-wide activities such as student and faculty poetry and fiction readings. Publications, such as *Literary LaGuardia* and *The Bridge*, offer students relevant experience with literary and journalistic writing. The Writing and Literature Program offers a path that may lead to careers as diverse as teaching, editing, publishing, journalism, public relations, medicine or law, among other possibilities.

The Writing and Literature Program's curriculum has been developed in close consultation with Queens College and is designed to articulate fully with the English major at Queens. The credits in Writing and Literature offered at LaGuardia will all transfer to the English major and core writing requirements at Queens College. Liberal Arts courses offered at LaGuardia will fulfill Queens College General Education requirements. Students who major in the Writing and Literature Program at LaGuardia may transfer as juniors to the English Major at Queens College. For more information on the basic skills requirements, see page 197.

Descriptions of courses in this major begin on page 129.

See next page for curriculum.



ALVARO CORZO / LAGUARDIA COMMUNITY COLLEGE

Writing and Literature: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I (ENA101 or ENC101 depending on placement scores)	3
ENG102 Writing through Literature	3

Mathematical and Quantitative Reasoning: 3 credits

<i>Select one of the following courses:</i>	3
MAT107 Mathematics and the Modern World	
MAT115 College Algebra and Trigonometry	
MAT117 Algebra and Trigonometry (depending on placement scores)	
MAT119 Statistics with Elementary Algebra (depending on placement scores)	
MAT120 Elementary Statistics	

Life & Physical Sciences: 3 credits

<i>Select one of the following courses:</i>	3
SCB101 Topics in Biological Sciences	
SCB206 Introduction to Neuroscience	
SCC101 Topics in Chemistry	
SCP101 Topics in Physics	
SCP105 Life in the Universe	
SCP140 Topics in Astronomy	

B. FLEXIBLE CORE: 18 Credits

*Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*Students are advised to select one Urban Study course to
complete college requirement. To complete the degree
requirements from the Flexible Core, students are advised to
select courses from the recommended course selections listed
on the program website. Note: Student can select only two
courses from any one discipline.*

PROGRAM CORE: 30 CREDITS

Counseling

New Student Seminar	0
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Humanities

HUA167 Introduction to African Art	3
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Social Science

SSY101 General Psychology	3
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Unrestricted electives: 3 credits

English

ENG270 Introduction to Poetry	3
ENG289 Introduction to Literary Study*	3
ENG295 World Literatures Written in English	3

Select two of the following courses: 6

ENG290 British Literature Survey I	
ENG291 British Literature Survey II	
ENG292 American Literature Survey I	
ENG293 American Literature Survey II	
ENG294 Classical Literature**	

Select two of the following courses: 6

ENG203 Work, Labor and Business in American Literature	
ENG204 Asian American Literature	
ENG205 The Bible as Literature	
ENG/ELL110 English Grammar and Syntax	
ENG211 Journalism	
ENG220 Seminar in Teaching Writing	
ENG225 Afro-American Literature	
ENG235 Cultural Identity in American Literature	
ENG245 Images of Women in American Literature	
ENG247 The Woman Writer	
ENG248 Latino/Latina Writing in the U.S.	
ENG252 Sexuality in Literature	
ENG256 Humor in Literature	
ENG260 The Novel	
ENG261 Literature of Difference	
ENG265 The Drama	
ENG266 Shakespeare	
ENG268 The Immigrant Experience in American Literature	
ENG269 Contemporary Black American Fiction	
ENG271 Poetry Workshop	
ENG/HUC272 Literature and Film	
ENG274 Creative Non-Fiction Workshop	
ENG275 The Great Writer	
ENG276 Fiction Workshop	
ENG280 Children's Literature	
ENG288 Internship	

TOTAL CREDITS:

60

*Requirement for transfer to John Jay College; not articulated for Queens College.

**Articulated only for John Jay College

Creative Writing Track: AA Degree

PATHWAYS COMMON CORE: 30 CREDITS

A. REQUIRED CORE: 12 Credits

English: 6 credits

ENG101 English Composition I 3
(ENA101 or ENC101 depending on placement scores)
ENG102 Writing through Literature 3

Mathematical and Quantitative Reasoning: 3 credits

Select one of the following courses: 3
MAT107 Mathematics and the Modern World
MAT115 College Algebra and Trigonometry
MAT117 Algebra and Trigonometry
(depending on placement scores)
MAT119 Statistics with Elementary Algebra
(depending on placement scores)
MAT120 Elementary Statistics

Life & Physical Sciences: 3 credits

Select one of the following courses: 3
SCB101 Topics in Biological Sciences
SCB206 Introduction to Neuroscience
SCC101 Topics in Chemistry
SCP101 Topics in Physics
SCP105 Life in the Universe
SCP140 Topics in Astronomy

B. FLEXIBLE CORE 18 Credits 18

*Select one course from each of the five flexible core categories
AND one additional course from any flexible core category.*

World Cultures and Global Issues
US Experience in its Diversity
Creative Expression
Individual and Society
Scientific World

*To complete the degree requirements from the Flexible Core,
students are advised to select courses from the recommended
course selections listed on the program website. Note: Student
can select only two courses from any one discipline.*

PROGRAM CORE: 30 CREDITS

Counseling

New Student Seminar 0

Humanities

HUA101 Introduction to Art 3

Social Science

SSY101 General Psychology 3

Unrestricted electives: 3 credits 3

English

Required Courses

ENN198 Introduction to Creative Writing 3
ENG295 World Literatures in English 3

Creative Writing

Select one course from the following: 3
ENG271 Poetry Workshop
ENG274 Creative Non-Fiction Workshop
ENG276 Fiction Workshop
ENG277 Creative Writing New Media Workshop

Genre

Select one course from the following: 3
ENG260 The Novel
ENG265 The Drama
ENG270 Introduction to Poetry
ENG289 Introduction to Literary Critical Studies

Literature Survey

Select two courses from the following: 6
ENG290 British Literature I
ENG291 British Literature II
ENG292 American Literature I
ENG293 American Literature II

Elective

*Select one course from the following: ** 3
ENG/ELL110 English Grammar and Syntax
ENG220 Seminar in Teaching Writing
ENG225 Afro-American Literature
ENG235 Cultural Identity in American Literature
ENG247 The Woman Writer
ENG248 Latino/Latina Writing in the United States
ENG261 Literature of Difference
ENG266 Shakespeare
ENG269 Contemporary Black American Fiction
ENG288 Internship
ENG271 Poetry Workshop
ENG274 Creative Non-Fiction Workshop
ENG276 Fiction Workshop
ENG277 Creative Writing New Media Workshop
ENG260 The Novel
ENG265 The Drama
ENG270 Introduction to Poetry
ENG289 Introduction to Literary Critical Studies
ENN191 Art, Politics and Protest
ENN240 Literature of the City

TOTAL CREDITS:

60

COURSE INDEX

The academic courses approved for study at LaGuardia Community College are described in this section. Courses are listed by discipline and department, and are offered every semester unless otherwise indicated.

DISCIPLINE	DEPARTMENT	PAGE
Accounting	Business and Technology	101
Administrative Assistant	Business and Technology	102
American Sign Language	Education and Language Acquisition	119
Anthropology	Social Science	185
Arabic	Education and Language Acquisition	119
Art Appreciation	Humanities	164
Art History	Humanities	159
Aviation Management	Business and Technology	103
Bengali	Education and Language Acquisition	120
Bilingual Education	Education and Language Acquisition	113
Biology	Natural Sciences	181
Business	Business and Technology	104
Chemistry	Natural Sciences	183
Chinese	Education and Language Acquisition	120
Commercial Photography	Humanities	162
Communication Skills	Communication Skills	113
Communication Studies	Humanities	162
Composition/Writing	English	129
Computer Art	Humanities	165
Computer Information Science	Mathematics, Engineering, and Computer Science	172
Cooperative Education	Cooperative Education	148
Criminal Justice	Social Science	186
Counseling	Counseling	112
Dance	Humanities	152
Design	Humanities	165
English as a Second Language	Education and Language Acquisition	117
Economics	Social Science	186
Education	Education and Language Acquisition	114
English	English	129
Engineering Science	Mathematics, Engineering, and Computer Science	176
Environmental Science	Natural Sciences	183
Film and Media	Humanities	166
Food and Nutrition	Health Sciences	136
French	Education and Language Acquisition	121
Greek	Education and Language Acquisition	122
Health	Health Sciences	138
Hebrew	Education and Language Acquisition	122
History	Social Science	187
Homeland Security	Business and Technology	106



DISCIPLINE	DEPARTMENT	PAGE
Human Services	Health Sciences	138
Italian	Education and Language Acquisition	123
Japanese	Education and Language Acquisition	123
Journalism	English	131
Korean	Education and Language Acquisition	124
Language Study	Education and Language Acquisition	118
Liberal Arts Seminars	Liberal Arts	170
Library	Library Media Resources Center	171
Literature	English	132
Mathematics	Mathematics, Engineering, and Computer Science	178
Mathematics Computer Courses	Mathematics, Engineering, and Computer Science	167
Modern Languages and Literature	Education and Language Acquisition	119
Music	Humanities	153
Music Recording Technology	Humanities	157
New Media Technology	Humanities	156
Nursing	Health Sciences	141
Occupational Therapy	Health Sciences	143
Paralegal Studies	Business and Technology	107
Paramedic	Health Sciences	145
Philosophy and Critical Thinking	Humanities	160
Photography	Humanities	167
Physical Sciences	Natural Sciences	184
Physical Therapy	Health Sciences	146
Polish	Education and Language Acquisition	125
Political Science	Social Science	189
Portuguese	Education and Language Acquisition	125
Psychology	Social Science	190
Radiologic Technology	Health Sciences	148
Russian	Education and Language Acquisition	125
Science	Natural Sciences	150
Sociology	Social Science	191
Spanish-English Translation	Education and Language Acquisition	126
Spanish	Education and Language Acquisition	126
Speech Communication	Humanities	162
Studio Art	Humanities	167
Technology	Business and Technology	110
Theatre	Humanities	158
Tibetan	Education and Language Acquisition	128
Travel, Tourism & Hospitality	Business and Technology	109
Urban Study	Education and Language Acquisition/Humanities	128/170*

* Note: for Urban Study courses see also individual department offerings.

Transfer and Articulation Policies

CUNY TRANSFER POLICIES

All LaGuardia students who earn an Associate in Arts Degree (AA), an Associate in Science Degree (AS), or an Associate in Applied Science Degree (AAS) have:

- Priority for transfer over non-University students seeking transfer, and
- Priority as matriculated students at a senior CUNY college.

The following policies *only* apply to students who graduate from LaGuardia with either an AA or AS:

1. LaGuardia AA and AS graduates who transfer within CUNY will be granted a minimum of 60 credits toward a baccalaureate degree and will be deemed to have automatically fulfilled the lower-division liberal arts and science distribution requirements for a baccalaureate degree. However, students may be asked to complete a course in a discipline required by a senior college's baccalaureate distribution requirements that was not part of the student's associate degree program and may need to fulfill a foreign language requirement.
2. Students who change their major after they are enrolled in a senior college should expect that completion of their bachelor's degree may require more than 120 credits.

The following policies only apply to students who graduate from LaGuardia with an AAS degree:

1. Upon transfer to a parallel professional program within CUNY, LaGuardia AAS graduates will be granted a minimum of 60 credits toward a baccalaureate degree and be required to complete only the difference between the 60 credits granted and the total credits normally required for the degree.
2. When transferring to a liberal arts curriculum or related professional program in the same field as the AAS degree program, LaGuardia AAS graduates will be granted a minimum of 60 credits toward a baccalaureate degree and will be able to complete their baccalaureate degree within 60 to 72 credits.
3. Students who change their major after they are enrolled in a senior college should expect that completion of their bachelor's degree may require more than an additional 72 credits.

It is important to understand that, when transferring without completing a degree, each department at the transfer school will decide how credits are evaluated. Often, courses only transfer as general electives — not as courses fulfilling distribution or major requirements. There are three main ways for students to guard against losing credits in this manner. First, complete your degree. Credits transfer more readily when they are part of a degree. Second, consult early with the Office of Transfer Services. For example, they can advise each student whether there is an articulation agreement between LaGuardia and another college that helps students preserve their credits during transfer. Third, consult TIPPS — the Transfer Information & Program Planning System. Through this online resource, students can quickly check how each LaGuardia course transfers to other colleges within CUNY.

SUNY TRANSFER POLICIES

The State University of New York pledges that “a New York State resident who wishes to transfer from a State University of New York two-year college, including all community colleges throughout the state, and who possesses or will have an Associate in Arts or Associate in Science degree at the time of transfer is guaranteed an opportunity to continue on a full-time basis at a senior campus of the University.” Students with an Associate in Applied Science degree or those who do not graduate are not guaranteed admission. Students are advised to contact LaGuardia's Office for Transfer Services, C261, or the Admissions Office of the College they wish to attend for specific requirements.

ARTICULATION AGREEMENTS

LaGuardia has articulation agreements with over 30 public and private four-year colleges and universities. The Office for Academic Affairs has developed specific agreements that guarantee acceptance of LaGuardia credits when students transfer to these colleges after earning an Associate's degree. At time of printing, the following institutions have joined LaGuardia in articulation partnerships: Adelphi University, LaGuardia/Adelphi University Connection Programs, Antioch College, City College, Clarkson University, Cornell University, Gallaudet University, Hunter College, Hunter-Bellevue Nursing Program, John Jay College of Criminal Justice, Laboratory Institute of Merchandising, LaGuardia/C.W. Post, L.I.U. Transfer Programs, Manhattanville College, Marymount College, New York City College of Technology, New York University, Pratt Institute, Queens College, Shaw University, Springfield College School of Human Services, St. John's University, St. Joseph's College, School of Visual Arts, SUNY College of Technology, SUNY Downstate Medical Center, SUNY Institute of Technology, Utica/Rome, SUNY, Oswego, University of Turabo (Puerto Rico), Vassar College and York College.

TRANSFER TO NON-CUNY OR SUNY COLLEGES

Students who wish to continue their studies after graduating from LaGuardia by transferring to a private institution should select their courses in consultation with a counselor and/or faculty advisor. Students should contact LaGuardia's Office for Transfer Services, C261, and the Admissions Office of the College of their choice for specific requirements and deadlines since the criteria vary from college to college.

COURSE DESCRIPTIONS AND ACADEMIC DEPARTMENT INFORMATION

Business and Technology Department

Room B327 (718) 482-5600
Department Faculty

Michael Napolitano, Chairperson; Ahmed Abdelhalim, Avis Anderson, John Appiah, Rosalia Barnett, Rajendra Bhika, David Blumberg, Lee Boyar, Hector Fernandez, Eve Fischthal, Kathleen Forestieri, Andrea Francis, James Giordano, Edward Goodman, Marie Hanlon, Deborah Harrell, Milton Hollar-Gregory, Linda Iannuzzo, Sada-Hye Jaman, Janice Karlen, Magalie Lopez, Namy Lytle, Nicole Lytle, Nicole Maguire, Paula Murphy, Stacy Perry, Michael Philogene, Yves Richards, Deborah Robinson, Susan Sanchirico, Leslie Scamacca, Barry L. Silverman, Santo Trapani, Angela Wu

First Year Seminar

BTF101 First Year Seminar for Business

2 credits; 2 hours

The First Year Seminar is required of all new students in programs within the Business and Technology Department. It aims to help students transition to campus culture, develop an understanding of the learning process, and acquire skills and dispositions essential to an informed study of the discipline. Taught by Business faculty and supported by a cohort of peers, advisors and co-curricular professionals, this course addresses issues of contemporary college life and stresses the discourse and practice of Business.

Accounting

BTA111/BTB111 Principles of Accounting I

4 credits; 6 hours

This course introduces students to the accounting cycle. The course reviews the fundamental concepts and techniques of recording transactions in journals, summarizing the transactions, using adjusting and closing procedures and preparing financial statements and reports. It also introduces the student to

valuation accounting relating to inventory and fixed assets, internal control concepts with an emphasis on cash control, procedures for notes payable and receivable and payroll accounting.

Pre- or Corequisite: CSE095, MAT095

BTA112 Principles of Accounting II

4 credits; 4 hours

This course introduces the student to the partnership and corporate forms of business organization with topics relating to their formation, operation, and dissolution. In the area of corporation accounting, further topics explored are stock transactions, long-term liabilities, and retained earnings. Cash flows and financial statement analyses are also covered as are an introduction to manufacturing concern accounting, related statements and cost revenue relationships.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, BTA110 or BTA111

BTA130 Accounting Applications for the Microcomputer

3 credits; 3 hours

This course emphasizes management information systems by giving students “hands-on” microcomputer experience in the processing of accounting data. In an instructor-supervised laboratory environment, students will explore both spreadsheets and dedicated accounting software. Lectures on the design of accounting systems, computer-related management decisions, and strategic controls considerations will be integrated with applications.

Prerequisite: BTA111, BTC100 or BTC101 or MAC101

BTA150 Individual Income Tax Procedures

3 credits; 3 hours

This course introduces the fundamental concepts of individual income taxation and the mechanics of Federal and New York State and City individual income tax return preparation. Some of the special topics are includable and excludable income, allowable deductions, personal exemptions and dependents, filing status, computation of tax and credits against tax. Students will complete a Federal income tax return practice set.
Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

BTA201 Intermediate Accounting I*3 credits; 4 hours*

This course is designed to give an overview of the foundations of accounting theory, the problems of current practice, and its relationship to accounting theory as expressed in the Accounting Principles Board's Opinions and the Financial Accounting Standards Board's Statements. The course includes a review of the accounting cycle and a detailed exploration of the reporting process, namely, the Statement of Financial Position, the Statement of Income, the Statement of Retained Earnings and the Statement of Cash Flow.

Prerequisite: BTA112, MAT096

BTA202 Intermediate Accounting II*3 credits; 4 hours*

This course is a continuation of Intermediate Accounting I. It explores the problems of current practice and its relationships to Financial Accounting Theory as expressed in AICPA Opinions and FASB Statements. Topics examined include Inventories, Long-Term Investments in Stocks, Tangible and Intangible Fixed Assets, Liabilities and Income Taxes, Leases and Income Tax Allocation. Present Value Concepts and their applications are also covered.

Prerequisite: BTA201

BTA210 Cost Accounting I*3 credits; 4 hours*

Cost accounting methods and procedures are studied, including job-order costing, process costing, payroll accounting and budgeting. Emphasis is placed on the importance of cost accounting to management in controlling and analyzing cost data and in the areas of decision-making and planning future operations.

Prerequisite: MAT096, BTA112

BTA211 Cost Accounting II*3 credits; 4 hours*

This course continues the study of cost determination and analysis as taught in AMA210. Cost-volume relationships, systems designs, flexible budgets, standard costs, cost allocation and applications of the contribution margin approach to decision-making are included. A continued emphasis is placed on the importance of cost data to management in the areas of decision-making and planning.

Prerequisite: BTA210

Administrative Assistant**BT0116 Essential Computer Skills***2 credits; 3 hours (2 lecture, 1 lab)*

This course will introduce basic computer skills and keyboarding on a computer. Emphasis in the course will be on the touch-typing concept of keyboarding and increasing speed and accuracy. The goal of this course will be to provide the opportunity for students to use the computer effectively to process information. This course will also explore the expanding role of computers in the contemporary business environment.

Pre- or Corequisite: ESL/R098

BT0125 Medical Terminology*3 credits; 4 hours (3 lecture, 1 lab)*

This course provides an introduction to medical terminology through classroom instruction. The focus of this course is on understanding complex medical terms. Students learn word construction, prefixes, suffixes, roots, abbreviations, pronunciation and the rules of use. Terminology will relate to major body structures, functions, pathologies, related diagnoses and treatments.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

BT0132 Keyboarding II Production Formatting*2 credits; 4 hours*

This course is designed to increase the skills of students who have successfully completed Keyboarding I or its equivalent. Emphasis will be placed on intensive speed building and accuracy drills. Formatting for business correspondence, tabulations and manuscripts will be covered. The final speed goal is 40-45 gross words per minute for five minutes with a maximum of five errors.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, BTO116

BT0133 Keyboarding III Advanced Production Formatting*2 credits; 4 hours*

This course is designed to increase the keyboarding and production skills of students who possess a minimum speed of 40 gross words a minute. Intensive speed, accuracy and reinforcement drills will be stressed. Complex formats for letters, manuscripts, tabulations, memos and business forms will be introduced. The final keyboarding speed goal is a rate of 50-55 gross words a minute for five minutes with a maximum of five errors.

Prerequisite: BTO132

BT0141 C-Print I*3 credits; 3 hours*

This is a beginning course designed to develop skills in a form of speech-to-print computer-assisted communication used primarily by deaf or hard-of-hearing persons. Emphasis will be on the principles and usage of the C-Print abbreviation system.

Prerequisite: BTO116

Pre- or Corequisite: BTO155, SSS190

BTO142 C-Print II*3 credits; 3 hours*

This course will develop C-Print captioning skills using classroom-simulated lecture materials. Students will learn condensing strategies and will develop summarizing skills. Glossary creation and management along with editing and formatting of keyed notes will be emphasized. Professional conduct and ethics of the C-Print captionist are included.

*Prerequisite: BTO141***BTO155 Word Processing I***3 credits; 4 hours (3 lecture, 1 lab)*

This course introduces students to word processing on the microcomputer. Through hands-on practice, students will become proficient in the basic uses of a major word processing software package. Topics covered include creating, editing, storing, page formatting, printing, basic merging and performing block functions using single files.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, BTO116***BTO156 Word Processing II***3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of Word Processing I. Emphasis will be placed on advanced word processing applications on the microcomputer. Topics will include advanced techniques of creating and merging files, advanced editing, specialized printing and creating and using online resources such as thesaurus, math, sort and macro commands.

*Prerequisite: BTO155***BTO170 Electronic Health Records***3 credits; 4 hours (3 lecture; 1 lab)*

This course introduces the techniques and concepts that underlie the current global transitioning from paper-based to electronic health records management systems. The course also introduces the use of computerized electronic health records for administrative and clinical use. This course will be enhanced by the use of medical software to practice electronic health record procedures in a simulated electronic health records environment.

*Prerequisite: ENA/ENC/ENG101, MAT096***BTO260 Business Communications***3 credits; 3 hours*

This course provides students with the ability to exercise various communication tasks in business. Special consideration will be given to the mechanics of written English. Written activities will focus on memos, business letters, reports, and special communications (news releases and minutes). Oral communication will be refined and telephone skills will be emphasized.

*Prerequisite: ENA/ENC/ENG101, HUC101**Pre- or Corequisite: BTO116***BTO270 Health Insurance: Billing and Reimbursement***3 credits; 4 hours (2 classroom, 2 lab)*

This course introduces the health insurance system in the U.S., the various types of private policies, government-sponsored

programs such as Medicare, Medicaid, Worker's compensation and related programs. The course focuses on skills related to health insurance, billing and reimbursement. Topics include insurance claims processes and forms, the proper methods of completing a CMS 1500 and UB 04 form and understanding ICD-9-CM, ICD-10-CM CPT and HCPCS coding.

*Prerequisite: BTO125, MAT096***BTO280 U.S. Healthcare Administration and Delivery***3 credits; 3 hours*

The purpose of this course is to provide students with a basic overview of the U.S. healthcare, development and history of the healthcare systems, various types of health services professionals and providers, the role of health policy and ethics, insurance and reimbursement, populations with special needs, managing care, integrated services, inter-professional teams, technology in healthcare teams, quality of care, and accessibility to care.

Prerequisite: SCN195

Aviation Management

BTV160 Introduction to Aviation Business*3 credits; 3 hours*

This course provides a general survey of the field of aviation. The course includes a historical overview of the development of aviation and an analysis of aviation's impact on economic and sociological affairs, both nationally and internationally. Students survey various aspects of the aviation business community including air carriers, manufacturers, private aircraft operators, government agencies and trade associations.

*Prerequisite: SSE103 or SSE104***BTV161 Introduction to Aviation Management***3 credits; 3 hours*

This course provides a comprehensive analysis of the planning process and the managerial and operations functions pertaining to management of an airport. The course will cover the following topics: airports in general, airport system planning, site selection, layout and land use, airport capacity and delay, financial planning and management and airport operations. This course explores the role of the airport manager in the day-to-day and long-term management and operations of the airport.

*Prerequisite: SSE103 or SSE104***BTV162 Introduction to Aviation Operations***3 credits; 3 hours*

This course explores the conduct of professional flight operations, including the flight operations of air carriers, corporate aviation departments, fixed-based operators (FBOs) and the military. Emphasis is placed on aircraft types, air routes, personnel, information systems, federal regulations and safety. Students are also introduced to methods of analyzing air carrier performance and forecasting future performance.

Prerequisite: SSE103 or SSE104

Business

BTM101/BTB101 Introduction to Business

3 credits; 3 hours

This is an introductory course designed to acquaint the student with the role of business in our economy, the forms of organization, and the various business functions such as management, personnel, marketing and finance. Career opportunities in the business world are also explored. This course should be taken prior to any other business courses.

Prerequisite for BTM101: CSE095, ENA/ENG099, ESA099, ENA/ENC101

Prerequisite for BTB101: CSE095, ESL/ESR098

BTM102 Principles of Finance

3 credits; 3 hours

This course is a study of the monetary and credit systems of our economy and related policies and problems. In addition, the course addresses itself to the following: 1) commercial and noncommercial banking institutions and operations; 2) money and banking in relation to prices, economic growth, and international events.

Prerequisite: MAT095, BTM101 or BTB101

BTM103 Principles of Management

3 credits; 3 hours

This course is an analysis of the role of the manager and functions of management in an enterprise. Consideration is given to the interlocking nature of these functions and the principles, which are the basis for the practice of management. Attention is given to the impact of the external environment on the development of the managerial role and on managerial practice.

Prerequisite: BTM101 or BTB101

BTM104 Principles of Marketing

3 credits; 3 hours

This course explores the vital role of marketing in our economy. The factors of consumer behavior and motivation are covered to provide an understanding of market planning. The system of distribution of goods from producer to consumer is discussed by relating theory to actual case histories.

Prerequisite: BTM101 or BTB101

BTM108 Principles of Real Estate

3 credits; 3 hours

This course covers the social and economic impact of real estate, the nature and instruments of property rights, various types and aspects of property ownership, real estate brokerage operations and discussion of urban planning needs. Successful completion of the course material is required to take the New York State licensing examination. Students must obtain broker sponsorship in order to take the New York State licensing examination for Real Estate Salesperson.

Prerequisite: Permission of the department.

BTM110 Business Law I

3 credits; 3 hours

This course begins by introducing students to some basic aspects of the American legal system, including the courts, tort law and criminal law. It proceeds to an in-depth exploration of the law of contracts from their formation to their enforceability in court. Other topics include employment law, bankruptcy law and legal problems posed by the computerization of society.

Prerequisite: CSE095, ENA/ENG099, ESA099, ENA/ENC101

BTM111 Business Law II

3 credits; 3 hours

This course introduces the student to the important areas of products liability, consumer law, secured transactions, partnerships, corporations, agencies and bailments.

Prerequisite: BTM110

BTM115 Basics of Advertising

3 credits; 3 hours

This course gives a broad overview of advertising, its roles in marketing, and as a motivational force in society. The nature of media and their creative and productive functions are discussed as they are related to advertising programs.

Prerequisite: BTM101 or BTB102

BTM116 Introduction to E-Business

3 credits; 3 hours

This course will provide a basic understanding of the tools, skills, business concepts, strategic opportunities and social issues that surround the emergence of electronic commerce on the Internet. Current practices and opportunities in electronic payments, electronic retailing, electronic distribution and electronic collaboration are discussed. Some of the problems surrounding electronic commerce such as security, intellectual property rights, acceptable use policies and legal liabilities are included.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

BTM120 Office and Personnel Management

3 credits; 3 hours

This course, designed for Administrative Assistant majors, is an introduction to the principles and practices of office management and administration. It will include such topics as the office environment, employee/employer relations, job analysis, and evaluation, fundamentals of motivation, the function of procedures and labor relations and grievances.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

BTM140 Introduction to Credit Management

3 credits; 3 hours

This course is designed to introduce the student to the role of commercial credit and collection in today's business world. It will examine the role of the credit department within a company, the positions with the department and career possibilities. In addition, it will prepare the student to work as a collector in a credit department by explaining specialized terminology, collection policy, principles and procedures and necessary legal concepts.

Prerequisite: MAT095, BTA111, BTB101 or BTM101

This course is open to any student as an unrestricted elective but is primarily intended for students interested in the commercial credit and collection industry.

This course is offered in an Online format only.

BTM141 Financial Statement Analysis

3 credits; 3 hours

This course will provide students with skills required to analyze financial statements for credit decisions. Students will examine income statements, statements of retained earnings, balance sheets, statements of cash flow, and review trial balance information, schedules and notes supporting the financial statements. Students will also learn to make evaluations based on general economic conditions and economic conditions relating to a specific industry. A minimum of 6 hours of computer lab work is required.

Prerequisite: BTA112

This course is offered in an Online format only.

BTM142 Accounts Receivable Financing

3 credits; 3 hours

This course explores concepts in economics, auditing, accounting, finance, and commercial law relevant to accounts receivable financing decisions. It analyzes effects of economic factors on these decisions. Students will use auditing and accounting principles to verify the values of collaterals. Students will learn to apply basic finance mathematics and learn the legal principles of sales contracts, negotiable instruments, and secured transactions. A minimum of 6 hours of computer lab work is required.

Prerequisite: BTM140, BTM141

This course is offered in an Online format only.

BTM150 Organizing and Operating a Small Business

3 credits; 3 hours

This course is a basic study of the importance of small business, its status, problems, and requirements for success. The course covers, among other things, the decision to go into business for oneself, the preparation needed, the methods of launching the business, and management functions involved in operating the business.

Prerequisite: MAT095, BTM101 or BTB101

Prerequisite for Music Recording Technology majors: CSE099, ENA/ENG099, ESA099, ENA/ENC101

BTM155 Principles of Personal Selling

3 credits; 3 hours

This course is an introduction to the principles and practices of selling as a profession including such topics as the sales job, the sales environment, the sales process and sales training. The dominant theme is professionalism in contemporary selling.

Prerequisite: MAT095, BTM101 or BTB101

BTM251 Launching New Business Ventures

3 credits; 3 hours

This course explores the process of creating a new business

venture from recognition of an opportunity to the launch of the business. It focuses on the pre-startup phase of venture creation. It explores pre-launch activities, diversity of entrepreneurs and the various activities that entrepreneurs typically undertake.

Prerequisite: BTA111, BTM101

BTM252 Entrepreneurial Finance

3 credits; 3 hours

This course focuses on financial aspects of new businesses and the financing of their continuing growth. Debt and equity financing, analysis of financial statements, management of cash flows and valuation are discussed as they relate to the new business venture.

Prerequisite: BTM251

BTM253 Entrepreneurial Strategy

3 credits; 3 hours

This course presents issues of strategic thinking and management within the entrepreneurial enterprise. Strategies for the emerging venture, the growing venture and for sustaining growth will be examined.

Prerequisite: BTM251

BTM254 Entrepreneur Institute

2 credits; 2 hours

Students will learn through hands-on practical experience how to launch and scale a new business through entrepreneurial action and execution. They will attend focused workshops, participate in off-site visits to corporate campuses, network with local entrepreneurs and receive advice on how to build a small business from an external startup mentor. Students will also engage in experiential learning through individual and/or team projects solving real business problems for an existing business entity.

Prerequisite: BTM251

BTM260 Principles of International Business

3 credits; 3 hours

This is an introductory course designed to acquaint students with the policies, techniques, and institutions that affect businesses operating in an international environment. Consideration will be given to the performance of business functions in an international context and basic terminology of international business.

Prerequisite: BTM101 or BTB101

BTM261 Export/Import Procedure and Documentation

3 credits; 3 hours

This course examines the policies, procedures, and documentation required for importing to and exporting from the United States. The legal foundation for regulation of international trade will be discussed. Students will learn how tariffs and other regulations apply to preparing transportation and international trade documents such as bills of lading, invoices and certificates of origin. The importance of trade agreements for documentation will be examined.

Prerequisite: CSE099, BTM260

BTM262 Global Marketing*3 credits; 3 hours*

This course explores global marketing opportunities and how marketing principles and procedures apply to international business. Issues of global competition, communication and promotional effort are discussed in light of the environmental considerations that affect marketing strategy.

Prerequisite: BTM260

BTM263 International Finance*3 credits; 3 hours*

This course will focus on principles and practices of financial activities within international markets. A discussion of letters of credit, drafts and other banking documents used in foreign commerce will be included. Foreign exchange rates, financing of international trade, methods of reducing financial risk and services provided by an international banker will also be examined.

Prerequisite: BTM260

BTM264 Marketing on the Internet*3 credits; 3 hours*

This course will introduce students to the marketing applications of developing information and communication technologies, especially the Internet. It will also examine how advanced technologies affect marketing functions. Consideration will be given to the development of an organization's marketing strategies in this dynamic environment.

Prerequisite: BTM101 or BTM116

BTM265 Consumer Finance*3 credits; 3 hours*

This course examines concepts and methods of financial planning as applied to individuals and households, with attention to organizing and analyzing financial information, budgeting, acquiring financial assets, managing credit, planning for taxes, investments, risk management, retirement and estate planning. Techniques and tools for identifying and maintaining information needed for personal financial decision making will be utilized.

Prerequisite: ENA/ENC/ENG101, SSE103, SSE104

BTN195 Profile and Prospects of Business in New York City*3 credits; 3 hours*

This is an urban study course which examines the status of business in New York City using various sources of data and field assignments such as visitations to the New York Stock Exchange, major business corporations, and various government agencies. Students will learn how to develop a profile of business in New York City in terms of employee, type of industry and form of ownership. Students will also learn about various social responsibility programs being offered by the business community, and will examine the many different career opportunities available in the NYC area.

Prerequisite: MAT095, BTM101 or BTB101

This is a Writing Intensive course.

Homeland Security**BTS101 Introduction to Homeland Security***3 credits; 3 hours*

This course will introduce students to the vocabulary and important components of Homeland Security. The course begins with a discussion of the importance of the agencies associated with Homeland Security and their related duties and relationships. Historical events that impact Homeland Security will be examined, and state, national, and international laws impacting Homeland Security will be explored. Examination will be made of the most critical threats confronting Homeland Security.

Prerequisite: The course is for 975 majors only

BTS102 Intelligence Analysis & Security Management*3 credits; 3 hours*

This course will focus on the role of intelligence including collection, analysis, sharing and dissemination of information between governments, government entities and between governments and the private sector. Examination will be conducted on the intelligence analysis process and its indispensable relationship to the security management of terrorist attacks and other threats. Discussion will also cover investigative law enforcement techniques, including information case management and prosecution.

Prerequisite: BTS101; The course is for 975 majors only.

BTS103 Transportation and Border Control*3 credits; 3 hours*

This course provides an in-depth view of modern border and transportation security. Specific topics include security for seaports, ships, aircraft, trains, trucks, pipelines, buses, etc. Focus is on the technology needed to detect terrorists and their weapons. The course includes discussion on legal, economic, political, and cultural aspects of the problem.

Prerequisite: BTS101, BTS102; The course is for 975 majors only.

INTERNSHIPS**BTE160: Topics in Business and Technology***3 credits; 3 hours*

This course is designed to explore current topics in any of the fields of study that are housed in the Business and Technology department: business management/administration; international business; finance; entrepreneurship; technology; accounting; paralegal studies; and travel, tourism and hospitality management. Specific topics will be announced in advance of registration. Students will complete assignments, case studies, and engage in research and problem-solving regarding real-world scenarios.

Prerequisite: MAT096

BTI121 People, Work and Organizations

3 credits; 4 hours (3 lecture, 1 lab)

The course focuses on careers in organizations and the progression of positions that a person will hold during their lifetime. Concentration is on individual and organizational factors in career development. Topics include career planning, work socialization, teamwork, career mobility and stages, mentoring, workforce diversity, and work/life balance. Students complete career and interest assessments, research careers, and develop a professional portfolio demonstrating workplace and academic skills.

Prerequisite: BTM101

Pre- or Corequisite: BTA111 or BTP101 or BTT101

BTI151 Business Exploration Internship

1 credit; 11 hours (1 lecture, 10 lab)

This internship and seminar are designed for students seeking to gain career awareness, experience, and knowledge in a particular field of interest. It provides exposure to a business/industry, allowing students to develop additional skills that will enhance academic learning as well as develop new skills that will be transferable to future employers. The seminar integrates the students' experiences with their classroom training. Minimum completion: 100 hours or employer requirements per cycle.

Prerequisite: BTI121;

Pre-corequisite: Students must have completed 18 credits and a minimum of 6 credits in the major.

BTI201 Business Internship

3 credits; 19 hours (1 lecture, 18 lab)

The internship provides students an opportunity to gain experience in business, enhance skills and integrate knowledge in the major field of study to complement their courses in a work setting. The internship provides opportunities to explore career options, test career choices, and develop skills within a chosen field. Through the seminar, a framework is provided for analyzing and evaluating students' internship experiences. Minimum completion: 168 hours or employer requirements per cycle.

Prerequisite: BTI121

Student must have completed 30 credits and a minimum of 9 credits in the major.

BTI202 Business Internship II

3 credits; 19 hours (1 lecture, 18 lab)

The elective internship and seminar is a continuation of the learning process begun in BTI 201. Students build on prior experience that enables them to explore career options, define a career path, and develop an educational plan to achieve academic and career goals. The seminar provides a framework to reflect on the experience and to explore, demonstrate, and evaluate specific knowledge, skills and values related to the field. Minimum completion: 180 hours or employer requirements per cycle.

Prerequisite: BTI201

Pre-corequisite: Students must have completed 30 credits and a minimum of 9 credits in the major.

BTI203 Internships in Emerging Technology

3 credits; 25 hours

This seminar is designed to meet the specialized needs of students interning in Silicon Alley, an area with a concentration of Internet and new media companies. Students will engage in a common reading to understand the New York tech community and its culture as well as participate in demo days, workshops, seminars, meet-ups and events. The seminar will help students succeed by offering ongoing support and mentoring to maximize students' learning experiences.

Prerequisite: ENA/ENG099, ESA099, ENA/ENC101,

ESL098/99, MAT096. *Departmental Permission Required*

Paralegal Studies**BTP101 Introduction to Paralegal Studies**

3 credits; 3 hours

This course introduces the student to the legal system of the United States and to the role of the paralegal in it. Topics include the classifications and sources of law, the court system, the activities of the paralegal and the legal and ethical restrictions on the paralegal's work. The ways in which computers have transformed legal practice are explored throughout.

Prerequisite: CSE099;

Pre- or Corequisite: ENA/ENC/ENG101

BTP201 Administrative Law

3 credits; 3 hours

This course concerns the paralegal's work with government agencies. It is especially concerned with those agencies, like U.S. Citizenship and Immigration Services, which have a direct effect on the lives of many individuals. Topics include the function and status of agencies in contemporary American society, the sorts of benefits to which various groups are entitled and procedures for obtaining these benefits and challenging their denial or termination. Students learn how to prepare relevant documents. Instruction in the related uses of computers is an integral part of this course.

Prerequisite: BTP101;

Pre- or Corequisite: One of the following courses:

HUC101 or HUC104 or HUC108

BTP202 Wills, Trusts and Estates

3 credits; 3 hours

This course deals mainly with the transfer of property after death and with the role and procedures of the Surrogate's Court. Students learn about the legal implications of dying with and without a will and the functions of trusts. They also learn how to assist in the preparation of the relevant legal documents, such as wills, trust instruments and estate tax returns. Instruction in the related uses of computers is an integral part of this course.

Prerequisite: MAT095, BTP101

BTP203 Family Law*3 credits; 3 hours*

The central concern of this course is the law governing marriage and its termination. Topics include creation of a valid marriage, prenuptial agreements, divorce, custody of children and adoption, among others. The role of the Family Court and its procedures are discussed, and students learn how to prepare relevant legal documents. Special problems posed by family-type arrangements outside marriage are also addressed. Instruction in the related uses of computers is an integral part of this course.

*Prerequisite: BTP101***BTP204 Legal Research and Writing***3 credits; 3 hours*

In this course, students learn how to find the answers to a broad range of law-related questions. They develop skills using both the resources of the law library and computerized research tools such as Lexis/Nexis. Much attention is also given to essential writing skills and the preparation of legal memoranda and documents.

*Prerequisite: BTP101***BTP205 Civil Litigation***3 credits; 3 hours*

This course is an intensive and thorough analysis of what happens in a civil lawsuit, from the decision to sue to the appeal and enforcement of judgment. Students learn how to prepare relevant legal documents and to assist attorneys in a variety of tasks at each stage of the proceedings. Instruction in the related uses of computers is an integral part of this course.

*Prerequisite: BTP101***BTP207 Real Estate Law for Paralegals***3 credits; 3 hours*

This course is concerned with real estate sales, leases and mortgages. By acquiring an essential knowledge of real estate law and practical skills such as document preparation, students learn how to participate reliably in a variety of real estate transactions. Instruction in the related uses of computers is an integral part of this course.

*Prerequisite: MAT095, BTP101***BTP208 The Law of Business Enterprises for Paralegals***3 credits; 3 hours*

This course examines the different types of business entities from a legal perspective. Topics include sole proprietorships, corporations, partnerships and newer types of business entities such as limited liability companies. The advantages and disadvantages of each entity type are discussed. Students learn how to prepare relevant legal documents and to make appropriate use of computers in this area of the law.

*Prerequisite: BTP101***BTP209 Criminal Law and Procedure***3 credits; 3 hours*

This course is concerned with the practical aspects of criminal law and procedure as they pertain to the work of the paralegal. The first part of the course covers the nature of criminal liability, the elements of various crimes and defenses to criminal accusations. The second part covers criminal procedure, from search and seizure through trial, sentencing and appeal. Constitutional issues relating to search and seizure, self-incrimination, and other matters are explored in depth. Students learn how to prepare relevant documents and make appropriate use of computers in this area of the law.

*Prerequisite: BTP101***BTP211 Computer Applications for Paralegals***3 credits; 4 hours (3 lecture, 1 lab)*

This course focuses on those computer applications which are of central importance for paralegals. Students receive hands-on training using word-processing, spreadsheet, database, presentation and legal-specific software. Students also learn how to conduct computer-assisted legal research.

*Prerequisite: MAT095, BTP101***BTP212 Immigration Law***3 credits; 3 hours*

This course concerns the laws and procedures pertaining to immigration, naturalization and related matters. Topics include legal entry into and residence in the United States, qualifying for citizenship and deportation. Students learn how to obtain relevant information and complete forms using both the resources of the law library and the Internet.

*Prerequisite: BTP101***BTP213 Bankruptcy Law***3 credits; 3 hours*

This course covers the substantive and procedural aspects of bankruptcy law as set forth by the federal Bankruptcy Code. Topics include the main types of bankruptcy proceedings, eligibility for each type and the consequences of filing for bankruptcy. Students learn how to prepare relevant legal documents and to make appropriate use of computers in this area of the law.

Prerequisite: BTP101

Travel, Tourism and Hospitality Management

BTT101 Introduction to Travel, Tourism and Hospitality

3 credits; 3 hours

This course is an overview of the travel, tourism and hospitality industry. It explores the structures, products and services of industry suppliers, such as transportation companies, attractions, hotels and other lodging providers, and of marketing organizations, such as travel agencies, tour packagers and destination-promotion organizations. The course also traces the evolution of the industry and explores its role in contemporary life.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

BTT110 Airline Reservations and Ticketing

3 credits; 3 hours

This course introduces students to airline reservations and ticketing terminology, regulations and procedures. Students learn how to plan air itineraries using printed reference materials, to reserve seats, to calculate fares and to issue tickets and other airline forms. Emphasis is placed on the appropriate interpretation of routing and fare rules.

Prerequisite: BTT101

BTT111 Airline Reservations Computer Systems

3 credits; 3 hours

This course is designed to introduce students to the operation of airline reservation computer systems. Students will learn formats to access information stored in the computer and to enter new data. Students will use these formats to make airline, rental car and hotel reservations, create passenger records, quote airline fares and issue airline tickets.

Prerequisite: BTT110

BTT120 Basic Tour Planning

3 credits; 3 hours

This course is an introduction to research techniques used in tour planning by travel professionals. Students learn how to use information sources such as industry reference guides, travel guidebooks and brochures to select travel products suited to client needs. Students also learn the terminology and reservations procedures used by hotels, railroads, car rental companies, cruise lines and tour packagers. The major attractions of destinations in North America and the Caribbean are discussed.

Prerequisite: BTT101

BTT121 Advanced Tour Planning

3 credits; 3 hours

This course continues the study of tour planning, with emphasis on the principles of tour design and management. Topics include selecting escorted tours, planning customized independent tours, developing and administering group tour programs, and applying basic sales, marketing and finance principles to the retail travel environment. Discussions will include the major attractions of destinations in South America, Europe, Africa, Asia and the Pacific.

Prerequisite: MAT096, BTT120, ENA/ENC/ENG101, SSE125

BTT202 World Travel and Tourism Destinations

3 credits; 3 hours

This course is designed to provide students with knowledge of the world's most visited destinations while offering them a comprehensive introduction to the countries of the world. Students will learn to use electronic and print tourism destination research sources. Emphasis is placed on both cultural and natural tourist attractions.

Prerequisite: BTT101

BTT203 Travel, Tourism and Hospitality Technology Systems

3 credits; 3 hours

This course is designed to introduce students to various hospitality information systems. Students will gain basic foundation skills of an airline reservation computer system, a hotel front office system and a restaurant point of sale system. Students will also use web-based and Internet technology to understand the current role of technology in the hospitality industry.

Prerequisite: BTT101

BTT205 Travel, Tourism and Hospitality Law

3 credits; 3 hours

This course examines business law concepts and principles as they pertain to the travel, tourism and hospitality industry. General topics include the nature of American law and the legal system, negligence law and contract law. Industry-specific topics include the rights and responsibilities of airlines and other transportation providers, lodging facilities, restaurants, patrons and travel agents. Employment law and government regulation of the industry are also discussed.

Prerequisite: BTT101

BTT212 Customer Service and Sales

3 credits; 3 hours

This course will provide students with the fundamental concepts of hospitality customer service and sales. Emphasis is placed on selling skills and customer service techniques that enhance sales and help to create a loyal customer following. Students will focus on how to manage a hospitality organization in such a way that the guest's expectations of quality and value are met and exceeded.

Prerequisite: BTM101, BTT101

BTT221 Travel Agency Operations and Management

3 credits; 3 hours

This course examines the roles of travel consultants and managers in the retail travel environment. Travel services, such as air and land transportation, cruises, accommodations and tours are described, as well as policies and procedures associated with their sale. Managerial functions, such as marketing, organizational design, human resources, accounting and finance, legal and regulatory compliance and risk management of planned and existing agencies are discussed.

Prerequisite: BTM101, BTT102

BTT222 Special Interest Tourism*3 credits; 3 hours*

This course will focus on the development of themed travel and tourism programs appealing to those with special interests. Types of specialty travel to be discussed include small-ship cruise travel, as well as adventure, space, gastronomic, sport and volunteer tourism. Environmental sustainability in tourism development will constitute an underlying theme throughout the course. Students will be required to design a special interest tour and create promotional materials for it.

*Prerequisite: BTT202***BTT223 Meeting and Event Planning***3 credits; 3 hours*

This course will introduce students to the basic elements of meeting, convention and event planning. Students will learn how to generate business through sales and providing service to the group and convention industry. Students will focus on the overall management of events.

*Prerequisite: BTT101***BTT224 Destination Tourism Management***3 credits; 3 hours*

This course is designed to explore the role of destination management organizations (DMOs) and how they can function effectively. Emphasis is placed on stimulating economic development in cities, states and nations. Students are introduced to the elements that create a positive image for a tourism destination.

*Prerequisite: BTA111, BTM101, BTT101***BTT231 Hotel and Lodging Operations and Management***3 credits; 3 hours*

This course is an examination of the operations and management of hotels and other lodging properties such as time shares and vacation resorts. The roles of departments such as the front office, housekeeping, marketing and sales, human resources, food and beverage and loss prevention and security are discussed, as well as the role of the general manager. The concepts of yield management, management contracts and franchise agreements are highlighted.

*Prerequisite: BTM101, BTT101***BTT232 Front Office Management***3 credits; 3 hours*

This course familiarizes students with the front office department of the hotel. Students will focus on all aspects of the hotel front office including: the guest cycle, reservations, front office accounting, front office audit, account settlement and revenue management. Students will work on a simulation of a hotel front office experience.

*Prerequisite: BTA111, BTT231***BTN211 Travel, Tourism and Hospitality Marketing***3 credits; 3 hours*

This course examines the principles of marketing as applied in the travel, tourism and hospitality industry. Stages in the marketing cycle, including research, strategies, planning and the components of the marketing mix will be discussed. The role of marketing functions performed by urban tourism industry organizations as well as the tourism image/experience of New York City will be explored through field trips and/or guest speakers and community-based projects.

*Prerequisite: BTM101, BTT101**This prerequisite is waived for Foodservice Management students**This is a Writing Intensive course.*

Technology Courses

BTC100 Computer Applications and Technologies*3 credits; 5 hours (3 lecture, 2 lab)*

This course will help students develop an understanding of computers through the exploration of software packages. The applications include word processing, spreadsheet, presentation graphics and database management. Students will learn computer terminologies and also explore developments in related technologies. Topics covered will include web design and the use of current Internet resources.

*Pre- or Corequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101. Corequisite: MAT096***BTC/SSD105 Computers and Society***3 credits; 4 hours (3 lecture, 1 lab)*

This course examines the relationship between human values, society, and technology. It begins with an explanation of how computers work and then investigates how technology affects such issues as jobs, privacy and education. Lab work is included.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, ENA/ENC/ENG101, MAT095***BTC107 Computer Graphics***3 credits; 4 hours (3 lecture, 1 lab)*

This course is a survey of the many ways in which computers can be used to generate graphic images. The course will introduce the students to input and output devices used for graphics as well as to popular graphics programs, including paint and draw programs and desktop publishing programs. Students will learn how to create business charts and presentations, how to incorporate clip art into written documents and how to produce newsletters. Students will also work with a visual programming language.

Prerequisite: MAC101 or MAC109

BTC115 Educational Computing*3 credits; 4 hours (3 lecture, 1 lab)*

This course is an introduction to the use of computer software (programs) designed for educational purposes. Students will survey and evaluate educational software written for various subjects and grades. Students will also learn about programming languages used in schools today and they will write short programs using several programming languages. The course will conclude with a look at the future of computers in schools, including the topic of hardware, as well as software. This course is designed for students in the Teacher Sabbatical Program in Computer Literacy.

*Pre- or Corequisite: BTC100***BTC150 Databases from the PC to the Internet***3 credits; 4 hours (3 lecture, 1 lab)*

This course will provide students with an overview of database management systems and databases. Students will learn how to design and create databases for professional and personal use. This course will also provide students with an introduction to CD-ROMs and the Internet, enabling students to conduct research, and locate educational resources. This course is designed for students in the Teacher Sabbatical Program in Computer Literacy.

*Prerequisite: BTC100***BTC160 Topics in CIS (To Be Announced)***3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to explore a current topic in computer information systems. The specific topic, to be announced during advanced registration, will be selected from such areas as computer programming and languages, telecommunications, computer architecture and artificial intelligence. Students will learn about the selected topic through a combination of lectures, readings, research, class discussions and laboratory projects.

*Prerequisite: MAC101, MAC109 or MAC265; MAT200 or MAT241***BTC170 Spreadsheet Applications***2 credits; 4 hours (2 lecture, 2 lab)*

This course introduces spreadsheet application software. Students will learn the uses of spreadsheets through extensive hands-on experience. This course will cover using formulas, working with multiple worksheets, creating charts and maps, working with ranges and what-if analysis, using macros and working with database tables. Additionally, students will become familiar with the Windows environment and recordkeeping for general business applications.

*Prerequisite: BTC100***BTC171 Database Applications***3 credits; 4 hours (3 lecture, 1 lab)*

This course introduces database application software. Students will learn the use of a database through extensive hands-on experience. The course will emphasize the use of alternative methods of searching the database, selective retrieval of information and report/label preparation. Students will explore the use of advanced functions in order to combine files, modify original design, update records and become familiar with command-driven and menu prompts in a Windows environment.

*Prerequisite: BTC100***BTC172 Presentation Graphics***3 credits; 4 hours (3 lecture, 1 lab)*

This course introduces students to presentation graphics software. Students will receive hands-on training relating to designing slides, speaker's notes and handouts to produce professionally prepared electronic slide shows. The use of background and foreground colors, graphics, whitespace, and text material will be stressed in the development of electronic slide shows. Sound (music, recorded voice, etc.), video clips and animation are also covered.

*Prerequisite: BTO116, BTC100 or MAC101***BTC173 Integrated Software Systems***3 credits; 4 hours (3 lecture, 1 lab)*

This course is the capstone to the Microcomputer Systems and Applications curriculum. Instruction will emphasize the systems and procedures used to process information in an integrated software environment. Students will be required to do projects utilizing advanced database and spreadsheet concepts and graphics software. Integrated software applications will be completed in a simulated office environment.

*Prerequisite: ENA/ENC/ENG101, BTC170, BTC171, BTC172***BTC175 Introduction to Desktop Publishing***3 credits; 4 hours (3 lecture, 1 lab)*

This course introduces students to the basics of desktop publishing — the art of producing typeset documents. Familiarization with equipment, desktop publishing software and electronic printing will be emphasized. Students will receive hands-on training relating to the art of typesetting on the microcomputer. Topics include input, composition and output in electronic publishing.

*Prerequisite: BTC100 or MAC101***BTC200 Introduction to Information Systems***3 credits; 4 hours (3 lecture, 1 lab)*

This course introduces students to the use of computers and other information systems and technologies to solve problems in organizations. Topics include management information systems (MIS), hardware and software concepts, the organization of information using systems analysis and design, electronic commerce and contemporary applications of technology in organizational environments. Students will explore ethical perspectives and globalization issues and will cultivate an awareness of emerging processes.

Prerequisite: BTM101

BTC270 Data Center Operations: The Basics

3 credits; 4 hours (3 lecture, 1 lab)

This course introduces students to the field of computer operations and the duties associated with the job of computer operator. Students will be introduced to the operation and maintenance of computer hardware and peripherals on the mainframe, and to the keeping of vital logs associated with job scheduling, shift work, hardware repair and facility scheduling. Students will also gain a working knowledge of the VM/SP operating system utilizing CMS and CP commands.

Prerequisite: BTC100 or BTC101 or MAC101

Pre- or Corequisite: ENA/ENC/ENG101

BTC275 Data Center Operations: Advanced Topics

3 credits; 4 hours (3 lecture, 1 lab)

This course is a continuation of Data Center Operations: The Basics, and will emphasize advanced computer system operations including such topics as command languages, console commands, analysis of various microcomputer and mainframe operating systems and computer resource management. This course will cover such operating systems as MS-DOS, UNIX, MVS, and VM.

Prerequisite: BTC270

Communication Skills Department

Effective September 1, 2013, the Communication Skills Department has been merged into the Education and Language Acquisition Department. The courses previously offered by Communication Skills can now be found under the ELA Department, subheading Communication Skills.

Cooperative Education Department

Effective September 1, 2013, the Cooperative Education Department has been merged into the Humanities Department. The courses previously offered by Cooperative Education can now be found under the Humanities Department, subheading Cooperative Education.

Counseling Department

Room B100 (718) 482-5250

The Counseling Department offers programs designed to assist students with personal, academic, and career concerns. In addition, the department offers two courses described below.

Department Faculty

Lynne Alston-Jackson, Jean Buckley-Lockhart, Louise A. Butironi, Ana M. Mora, Kyoko M. Toyama

FSM001 New Student Seminar

0 credit; 1 hour

New Student Seminar is designed to provide an orientation for students to LaGuardia and to provide students with the knowledge and skills they need to be successful in college. Students will learn college policies and academic requirements, effective study skills, and test-taking strategies. In addition, students will engage in self and career exploration as well as academic planning and advisement.

FSC100 Career Development Seminar

1 credit; 1 hour

This seminar introduces the theory and process of career development. Students will examine personal and societal forces that influence career choice. In addition, an assessment of the students' career interests, values and skills will help students understand the theory of career decision-making and apply this knowledge to their own career exploration. Through the use of career information resources, students will learn the relationship between self-assessment and career choice.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

Education and Language Acquisition Department

Room B234 (718) 482-5640

The Education and Language Acquisition (ELA) Department offers courses in education, modern languages and literatures, general language study, and English as a second language. The department offers two urban study courses and houses three education programs: bilingual education, childhood education and secondary education.

Department Faculty

Marisa A. Klages-Bombich, Chairperson; Paul Arcario, Rashida Aziz, Habiba Boumlik, Ruhma Choudhury, John Collins, Angela Cornelius, Michelle De Goeas-Malone, Monika Ekiert, Jose Fabara, Wenjuan Fan, Xiwu Feng, Linda Forrester, Jie Gao, Leigh Garrison-Fletcher, Laurie Gluck, Lilik Gondopriono, Ana Maria Hernandez, Rosa Herrera-Rodriguez, Givanni Ildefonso-Sanchez, Maria Jerskey, Rebekah Johnson, Florence Kabba, Karen Kearns, Hyun Joo Kim, William Kurzyna, Arthur Lau, Bede McCormack, Ernesto Menendez-Conde, Tomonori Nagano, Ernest B. Nieratka, Adhiambo Okomba, Agnieszka Rakowicz, Max Rodriguez, Jane Selden, Walter Sistrunk, Kenneth Yin

Bilingual Education

ELB102 Educational Psychology:

The Bilingual Child in an Urban Environment

3 credits; 5 hours

This course deals with an examination of the psychological theories of learning and motivation as they apply to bilingual children. Students will be introduced to the general concepts of educational psychology specifically as they apply to bilingual education. Theories of learning and motivation, cognition, learning disabilities and cultural pluralism will be examined in the context of preadolescent development in an urban setting. In addition to class sessions, a two-hour-per-week field lab and a case study log are required.

Prerequisite: ELN101

ELB103 Principles and Practices of Bilingual Education and ESL

3 credits; 6 hours

This course deals with a) learning theories and their implications for the bilingual child in his/her total school environment, b) a review of instructional approaches and teaching strategies which could be effectively used to educate bilingual children, c) the nature of first and second language acquisition as well as the materials for the teaching of language to transitional bilingual children.

Prerequisite: ELB102

ELB200 Teaching Reading and Language Arts in the Bilingual Classroom

3 credits; 6 hours

This course surveys theories, practices, and materials in the teaching of language arts in bilingual programs. It includes examination of the interrelations of listening, speaking, reading and writing, as well as the influence of culture on language development. Coursework involves developing and presenting mini-lessons and designing a four-week language arts unit. In addition, students will evaluate materials and present written and oral reports. A three-hour weekly field experience is required.

Prerequisite: ENA/ENC/ENG101, ELB103

Communication Skills

CSE095 Essentials of Reading I

0 credit; 5 hours (4 lecture, 1 lab)

(Equivalent to First Year Institute USR095)

This course develops students' critical reading and studying skills. Literal and inferential levels of comprehension of college-level reading materials will be developed through the use of reading strategies, vocabulary exercises and class discussions. Students will be exposed to a wide variety of readings from the academic disciplines, thereby acquiring fundamental background knowledge needed to read proficiently at the College level. Students will read both exposition and a full-length narrative.

Admission to this course is based on placement test scores.

CSE099 Essentials of Reading II

0 credit; 5 hours (4 lecture, 1 lab)

(Equivalent to First Year Institute USR099)

This course reinforces reading and study strategies applied to advanced college-level texts. Emphasis is on exposition and argument as well as narrative. Elements of critical reading are introduced. Standardized reading test strategies are focal points in preparation for general reading proficiency exams. The process of reading is explained and experienced using student's own self-monitoring strategies. Critical reading of one or more full-length texts is required.

Admission to this course is based on placement test scores.

CSE103 Critical Reading and Academic Literacy

3 credits; 3 hours

This course is designed for students who want to develop sophisticated analytical skills for critical reading. It aims to develop proficiency in higher levels of reading and thinking — analysis, inference and evaluation. Through intensive reading and analysis from the various academic disciplines, students will be able to process and organize complex concepts. The course will have an ePortfolio component comprised of written assignments developed throughout the semester.

Prerequisite: CSE099

Pre- or Corequisite: ENA/ENG099, ESA099, ENA/ENC101, MAT095

CSE105 Academic Vocabulary*3 credits; 3 hours*

This course introduces students to methods of expanding their vocabulary, from contextual readings to conceptual frameworks. The development of modern English is studied to explain the state of current vocabulary. Subject area dictionaries, Greek and Latin word elements and meanings derived from context are explored. Special consideration is given to introducing the students to the vocabulary essential to their major area of study.

Pre- or Corequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

CSE110 Literacy and Propaganda*3 credits; 3 hours*

This course introduces students to methods of understanding a highly developed and pervasive discourse: propaganda. Emphasis is placed on reading materials that use the persuasive and argumentative language of politics, advertising, cultural discussions and the media. Political speeches, essays, editorials, and articles are used to enlarge the student's experience with the materials and tools of propaganda. The student will acquire the intellectual framework and sophisticated level of literacy needed to recognize and respond to the aims of propaganda.

Prerequisite: CSE095, ESL/ESR099

Pre- or Corequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

CSE120 Reading the Biography*3 credits; 3 hours*

This course will introduce students to the critical reading and evaluation of biographies, autobiographies, memoirs, diaries and journals. The aims of the course will be to: evaluate claims to truth and truthful recollections; examine historical claims through first person accounts; develop awareness of the methods and techniques of biographical and autobiographical writing; understand the uses of biographical writing and its place in society; explore biographies and autobiographies as vehicles for the creation of the self. The student will become proficient and develop a deeper appreciation of biographical narratives and their uses in self-understanding. The materials to be read in class will vary by semester and the course may be thematically organized.

Pre- or Corequisite: ESL/ESR098

CSE150 The Evolution of the Reading Experience*3 credits; 3 hours*

This course is designed to familiarize the student with the cultural and technological factors which have defined and influenced the activity of reading. The emphasis of the course will be on the evolution of reading and the gradual changes affecting the reading experience. Students will be expected to understand significant developments that relate to reading: the invention of writing, the creation of books, the invention of the printing press and more recent changes in print communication. This course will explore reading from the perspectives of other cultures and will trace the varieties of reading experiences that have been key features in the transformation of Western and non-Western cultures.

Prerequisite: CSE099, ENA/ENG/ESA099/ENC101

CSE200 Speed Reading*2 credits; 3 hours*

This course is offered for students who are interested in power reading techniques. Emphasis is placed on the development of effective reading habits and the techniques of rapid reading, identifying authors' patterns of writing, skimming, scanning and ongoing practice with mechanical aids and timed exercises.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

CSZ099 Academic Reading Strategies*0 credits; 4 hours*

This course is designed to prepare students for cross disciplinary college level critical reading and test-taking. Students will read extensively to acquire background knowledge, discipline-specific lexica, and exam-taking strategies. Course readings will cover the Social Sciences, Humanities, and Natural Sciences. Students will learn and analyze information patterns in different fields, review test-taking strategies, and analyze answers, with special emphases on the critical reading of comparative essays.

Prerequisite: CSE099

Education**ELD170 Integrated Curriculum A: Framework for the Developing Child***3 credits; 3 hours*

This first course in the Child Development sequence introduces the concept of the integrated curriculum as the preferred approach in early childhood education. Theories on the acquisition of language and its sequential development will provide a framework for understanding the significance of language in interpersonal relationships within one's culture and across other cultural groups. Curriculum experiences for children will be planned and tested in a required co-requisite internship setting.

Prerequisite: HSC102, SSS100 or SSB110

Pre- or Corequisite: SSY101

Corequisite: Approved Co-op internship

ELD171 Integrated Curriculum B: Developing Problem-Solving Skills*3 credits; 3 hours*

This course will introduce students to the problem solving and logical thinking processes that are common to both science and mathematics learning for young children. The continuing emphasis on language development will focus on building a specialized vocabulary and the communication of thinking processes. The course will also foster knowledge and understanding of the mathematical, and scientific legacies ancient cultures and civilizations have passed on to the modern world. There is a required co-requisite internship.

Prerequisite: ELD170

Pre- or Corequisite: MAT103 or SCB101 or SCP101

Corequisite: Approved Co-op internship

ELD172 Integrated Curriculum C: Developing Creativity*3 credits; 3 hours*

This course will consider the media through which children's creativity is expressed. The content will focus on the use of imaginative play, music and movement, art and materials. The course will also challenge students to study and present art, music and literature in their many forms from various cultural, ethnic, religious, and racial perspectives.

*Prerequisite: ELD170**Pre- or Corequisite: HUA101 or HUM101, SSY240**Corequisite: Approved Co-op internship***ELE110 Arts in Education***3 credits; 3 hours*

Students are introduced to media, lesson planning, and ways of integrating the arts into planning academic and multicultural curricula for K-12 classrooms. The importance and role of the arts in school curriculum are stressed through demonstrations, lectures, visuals and discussion. Creative and critical thinking skills are enhanced through hands-on projects, technology-based activities, and reflective writing. 15 hours of classroom observation in a NYC public school are required.

*Prerequisite: ENC/G101, MAT096***ELE111 Fieldwork I Bilingual Education***1 credit; 6 hours*

This course introduces students to their first fieldwork experience in bilingual education programs, grades 1-6 in public schools. Students must register concurrently for ELN120 and ELE115, which provide theoretical and reflective frameworks to analyze fieldwork observations. Observations focus on socialization and stratification; school knowledge; student cultures; teaching practice; and school effectiveness and reform in diverse classroom settings. A minimum of 60 hours of classroom observations is required.

*Prerequisite: SSH106**Pre-Corequisite: ELN101**Corequisites: ELE115, ELE120***ELE112 Fieldwork I Childhood Education***1 credit; 6 hours*

This course introduces students to their first fieldwork experience in grades 1 to 6 in public schools. Students must register concurrently for ELN120 and ELE115, which provide theoretical and reflective frameworks to analyze and evaluate fieldwork observations. Observations focus on socialization and stratification; school knowledge; student cultures; teaching practice; and school effectiveness and reform in diverse classroom settings. A minimum of 60 hours of classroom observation is required.

*Prerequisite: SSH101 or SSH102**Corequisites: ELE115, ELN120***ELE113 Fieldwork I Secondary Education***1 credit; 6 hours*

This course introduces students to their first fieldwork experience in middle and high schools, grades 7-12 in public settings. Students must register concurrently for ELN120 and

ELE114, which provide theoretical and reflective frameworks to analyze fieldwork observations. Observations focus on socialization and stratification; school knowledge; student cultures; teaching practice; and school effectiveness and reform in diverse classroom settings. A minimum of 60 hours of classroom observations is required.

*Prerequisite: SSH101**Corequisites: ELE114, ELN120***ELE114 Reflective Seminar I Secondary Education***1 credit; 2 hours (1 lecture, 1 lab)*

Taken concurrently with ELN120 and fieldwork in public schools, this reflective seminar gives students majoring in secondary education a framework to integrate fieldwork observations with classroom theory and research on the social, philosophical, economic and cultural foundations of education. Topics include fieldwork preparation and placement; classroom observations; practitioner research; reflective practice; and preparation and presentation of students' first teaching ePortfolio.

*Prerequisite: SSH101**Corequisites: ELN113, ELN120***ELE115 Seminar I Childhood & Bilingual Education***1 credit; 2 hours (1 lecture, 1 lab)*

Taken concurrently with ELN120 and fieldwork in public schools, this beginning reflective seminar gives students majoring in childhood and bilingual education a framework to integrate fieldwork observations with classroom theory and research on the social, philosophical, economic and cultural foundations of education. Topics include fieldwork preparation and placement; classroom observations; practitioner research; reflective practice; and preparation and presentation of students' first teaching ePortfolio.

*Prerequisite: Child Ed: SSH101 or SSH102; Bilingual Ed SSH106**Corequisites: ELE111 or ELE112, ELN120***ELE140 Music Education in Early Childhood***2 credits; 2 hours*

This course discusses the importance of including music in early childhood education for the full development of the individual child. Students research different models of early childhood music instruction and current best-practices in the U.S. Emphasis is given to the role of singing, playing, moving, listening, and recreation in the early childhood curriculum. Assignments include 5 hours of child observation.

*Prerequisite: ENC/G101, ESL/R099, MAT096***ELE141 Developing Creativity***2 credits; 2 hours*

This course explores the artistic and creative development of children from birth to 8 years old. Focusing on the visual arts, the course provides an overview of how children make sense of their world and explore their feelings and ideas through art. Emphasis is placed on the development of the art curriculum in early education, basic teaching skills, guidance techniques and

activities, equipment and materials appropriate for various ages and maturity levels, and diverse cultural perspectives. Includes 5 hours of child observation.

Prerequisite: ENC/G101, ESL/R099, MAT096

ELE203 Language and Literacy in Childhood Education

3 credits; 4 hours (3 classroom, 1 lab)

This Writing Intensive course provides a comprehensive overview of the development, learning and teaching of literacy from grades one through six. Topics include the relationship between written and spoken language, language and literacy development in children from culturally, academically, and linguistically diverse backgrounds, literacy instruction and assessment. Student will develop a teacher education ePortfolio. 15 hours of classroom observation in a NYC public school are required.

Prerequisite: ELL101, ELN120, ENG102, MAT096, SSY105

ELE204 Language and Literacy in Secondary Education

3 credits; 4 hours (3 classroom, 1 lab)

This Writing Intensive course is designed to promote students' understanding of the importance of issues concerning language and literacy in secondary education and their relevance to classroom practices. Students will learn about first and second language acquisition, dialect variation, classroom discourses, strategies for teaching content-area to a diverse student body and will develop a teacher education ePortfolio. 25 hours of classroom observation in a NYC public school are required.

Prerequisite: ELL101, ELN1220, ENG102, MAT096, SSY105

ELE205 Language and Literacy in Early Childhood Education

3 credits; 3 hours

This writing intensive course introduces students to language and literacy development of children from birth to 8 years of age. Coursework includes Language and pre-literacy development; the foundational role of early literacy learning; the importance of print-rich environments and intentional instructional practices; family literacy practices; and early learning standards; and the development of a teacher education ePortfolio. Students must complete 30 hours of fieldwork.

Prerequisite: ELL101, ELL121, SSY105

ELE206 Family, School & Community in Early Education

2 credits; 2 hours

This course is an overview of current research and practice on the educational experiences of young children in the context of family, school, and community. Topics include the application of knowledge on cultural, racial, ethnic, income and linguistic diversity. The significance of family diversity, socio-cultural contexts, and urban poverty for early learning is addressed. Parent communication, involvement and collaboration are also explored. Course assignments include 5 hours of child observation.

Prerequisite: ELN121, ENG102, ESL/R099, MAT096

ELE211 Fieldwork II Bilingual Education

1 credit; 6 hours

This course introduces Bilingual Education students to advanced fieldwork in grades 1 to 6 in public schools. Students examine language and literacy instruction in bilingual education settings, focusing their observations on written and spoken language development in children in diverse groups; literacy assessment; emergent literacy; phonemic awareness; reading/writing fluency; reading comprehension; and literacy across the curriculum. 60 hours of fieldwork are required. ELE203 and ELE215 are co-requisite courses.

Prerequisite: ELE111, ELE115, ELL101, MAT096, SSY105

Pre-corequisite: ENG102

Corequisite: ELE203, ELE215

ELE212 Fieldwork II Childhood Education

1 credit; 6 hours

This course introduces Childhood Education students to advanced fieldwork in grades 1 to 6 in public schools. Students examine language and literacy instruction in general education settings, focusing their observations on written and spoken language development in children in diverse groups; literacy assessment; emergent literacy; phonemic awareness; reading/writing fluency; reading comprehension; and literacy across the curriculum. 60 hours of fieldwork are required. ELE203 and ELE215 are co-requisite courses.

Prerequisite: ELE112, ELE115, ELL101, MAT096, SSY105

Pre-corequisite: ENG102

Corequisite: ELE203, ELE215

ELE213 Fieldwork II Secondary Education

1 credit; 6 hours

This course introduces Secondary Education students to advanced fieldwork in grades 7 to 12 in public schools. Observations focus on communication in the content areas; how literacy processes, practices, and events are used to construct knowledge in a diverse classroom setting; and how instructional strategies promote meaning, comprehension, connections, and creativity. A minimum of 60 hours of classroom observation are required. Students register concurrently for ELE204 and ELE214.

Prerequisite: ELE113, ELE114, ELL101, MAT096

Pre-corequisite: ENG102

Corequisite: ELE204, ELE214

ELE214 Reflective Seminar II Secondary Education

1 credit; 2 hours (1 lecture, 1 lab)

Taken concurrently with ELE204 and fieldwork in public schools, this advanced reflective seminar gives students majoring in secondary education a framework to integrate fieldwork observations with classroom theory and research on the language and literacy learning in secondary education (grades 7-12). Topics include fieldwork preparation and placement; classroom observations; practitioner research; reflective practice; and preparation and presentation of students' Capstone teaching ePortfolios.

Prerequisites: ELE114, MAT096

Corequisites: ELE204, ELE213

ELE215 Reflective Seminar II Bilingual & Child Education*1 credit; 2 hours (1 lecture, 1 lab)*

Taken concurrently with ELE203 and fieldwork in public schools, this advanced reflective seminar gives students majoring in childhood and bilingual education a framework to integrate fieldwork observations with classroom theory and research on the language and literacy learning in grades 1 through 6. Topics include fieldwork preparation and placement; classroom observations; practitioner research; reflective practice; and preparation and presentation of students' final Capstone ePortfolios.

*Prerequisites: ELE115, MAT096, SSY105**Corequisites: ELE203, ELE211 or ELE212***ELN120 Foundations of American Education: Grades 1-6***3 credits; 4 hours (3 classroom, 1 lab)*

This Writing Course is a comprehensive overview of the foundations of education in the U.S. for elementary teachers. The course emphasizes philosophical, sociological, political, legal and cultural themes. It enables students to inquire, debate, and write about contemporary and historical issues, prepares reflective educators to make informed decisions, and to develop a teacher education e-Portfolio. 15 hours of classroom observation in a NYC public school are required.

*Prerequisite: SSH101 or SSH102 or SSH106, MAT096**Pre-or Corequisite: ENG102**This is a Writing Intensive course***ELN121 Foundations of Early Childhood Education***3 credits; 3 hours*

This Writing Intensive course introduces students to the social, cultural, economic, and historical forces influencing early childhood education (ECE) in NYC and other urban settings; definitions of ECE's function and curriculum; ECE as a profession; the role of federal, state and city agencies; early learning assessment; quality and equity; issues of social inclusion and respect for diversity. Students will also develop a teacher education ePortfolio. Students must complete 30 hours of fieldwork.

*Prerequisite: ENA/ENC/ENG101, MAT096**Pre-or Corequisite: ENG102**This is a Writing Intensive course***ELN206 Family, School and Community in Early Education***3 credits; 3 hours*

This writing intensive course introduces students to current research, practices, and developmental experiences of young children (prenatal to age 8), in the context of family, school and community. Application of knowledge on cultural, racial, ethnic, income and linguistic diversity and the significance of family diversity, socio-cultural contexts and urban poverty for early learning are addressed. Parent communication, involvement and collaboration are explored. Students must complete 30 hours of fieldwork.

*Prerequisite: ELN121**This is a Writing Intensive course***English as a Second Language****ESA099 Basic Writing for NNS of English***0 credits; 6 hours (4 lecture, 2 lab)**(Equivalent to ENG099)*

This course aims at developing college-level writing proficiency. By emphasizing the writing process, rhetorical conventions, summary writing, paraphrasing and analytical language skills, the course will prepare students for timed, high-stakes essays, such as the CATW. In addition, students will learn to identify and correct grammatical errors in their own compositions and learn to employ argumentative and other rhetorical modes in a short essay form to clearly express ideas written in academic English.

*Prerequisite: ESL/ESR099 or waiver***ESC099 Accelerated Composition for Select Readers***0 credits; 10 hours (8 lecture, 2 lab)*

This is an accelerated writing-intensive composition course that merges Basic Writing I for Non-Native Speakers of English with English for Select Readers to develop college level writing skills emphasizing writing process, fluency, grammatical accuracy, text-based writing and critical reading strategies to effectively use various academic written modes. This course is not open to repeaters of any levels of ESR/ESL or CSE.

*Prerequisite: Pass COMPASS, ESR098; ESR099**Placement/Passing Grade in ESR098 plus Exemption from Reading or Passing Score on COMPASS Reading Exam.**No repetition of any level of ESL/ESR or CSE courses.***ESE099 Intensive Basic Writing for NNS of English***0 credits; 45 hours*

This is a one-week intensive version of ESA099. This course aims at developing college-level writing proficiency. Emphasizing the writing process, rhetorical conventions, summary writing, paraphrasing and analytical language skills, the course will prepare students for timed, high-stakes essays, such as the CATW. In addition, students will learn to identify and correct grammatical errors in their own compositions and learn to employ argumentative and other rhetorical modes in a short essay.

*Prerequisite: ESL/R099 or waiver, departmental permission***ESL097 English as a Second Language II***0 credits; 9 hours (7 lecture, 2 lab)**(Equivalent to First Year Institute USE097)*

This course is designed for students who have some knowledge of English and need to develop competency in their academic reading, writing, speaking and listening skills. The emphasis will be on writing, critical reading strategies, and interpreting college-level materials. Knowledge of grammar and application of grammar are an integral part of the course.

*Prerequisite: Reading and writing placement**Pre- or Corequisite: BTF101 or CJF101 or HSF090 or LIF101 or NSF101 or SYF101*

ESL098 English as a Second Language III*0 credit; 9 hours (7 lecture, 2 lab)**(Equivalent to First Year Institute USE098)*

This course helps intermediate level ESL students to improve their reading and writing skills and also provides practice in listening and speaking. All of the activities focus on expanding the students' knowledge of English and developing fluency in all of the skills. At the end of the course, students must demonstrate increased competency in writing as well as in reading, speaking and listening.

*Prerequisite: ESL097 or placement exam**Pre- or Corequisite: BTF101 or CJF101 or HSF090 or LIF101 or NSF101 or SYF101***ESL099 English as a Second Language IV***0 credit; 10 hours; (8 lecture, 2 lab)**(Equivalent to First Year Institute USE099)*

This course provides extensive practice in reading, writing, listening and speaking using college-level materials, and helps students increase their vocabulary and study skills. Its purpose is to enable students to express ideas in acceptable written and spoken English.

*Prerequisite: ESL/ESR098 or placement exam**Pre- or Corequisite: BTF101 or CJF101 or HSF090 or LIF101 or NSF101 or SYF101***ESR098 ESL III for Select Readers***0 credit; 6 hours (6 lecture, 2 lab)**(Equivalent to ESL098)*

This is an accelerated course which focuses on expository writing and critical reading skills for the non-native speaker of English and is open only to those students who achieve a predetermined level based on the reading placement test. Oral presentations and/or themes will follow the discussion of reading selections used to improve students' ability to think critically. These selections and the students' compositions will be used for grammar and vocabulary instruction.

*Pre- or Corequisite: This course is only open to new students who place at the ESL098 level and who either place into CSE099 or have a passing score on the Compass Reading test.**Pre- or Corequisite: BTF101 or CJF101 or HSF090 or LIF101 or NSF101 or SYF101***ESR099 ESL IV for Select Readers***0 credit; 8 hours; (6 lecture, 2 lab)**(Equivalent to ESL099)*

This is an accelerated ESL099 course which provides extensive practice in reading, writing, listening and speaking using college-level materials and helps students increase their vocabulary and study skills. Its purpose is to enable students to express ideas in acceptable written and spoken English. Final compositions read by both ESL and English Department faculty determine placement in English Department courses.

*Prerequisite: ESR098 or placement exam***Language Study****EIS215 Language Issues in a Global World***3 credits; 3 hours*

This course will familiarize students with the pivotal ways in which language influences and underlies important and often controversial policy issues in societies around the world. It zeroes in on the issues of languages and dialects in cross-cultural perspective; multilingualism, literacy, and education; and language choice and globalization. The course will explore and analyze questions of language diversity, language power, and language policy in a global world.

*Prerequisite: ENA/ENC/ENG101***ELL101 Introduction to Language***3 credits; 3 hours*

An introduction to the nature, structure and history of language, this course surveys the scientific study of language and answers the question of what it means to "know" a language. Areas covered include phonology, word structure, sentence structure, how language is acquired, how languages change through time, language in society and writing systems.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101***ELL/ENG110 English Grammar Syntax***3 credits; 3 hours*

This is a syntax and grammar course. The course focuses on those advanced grammatical structures necessary in academic discourse. The course begins with a review of the English verb system and covers preposition use, English word order, adverb, adjective and noun clauses, reported speech, article usage, complex conditionals and passive voice. Additional topics may be selected in response to the particular needs and interests of the students in the class.

*Pre- or Corequisite: CSE095, ESL/ESR099***ELL114/HUC114 Normal Language Development***3 credits; 3 hours*

This course provides a comprehensive overview of normal language acquisition and development. It explores historical and current language theories, research findings and basic stages of typically developing language users. Related topics include an exploration of second language acquisition and atypical language development in people with specific language impairment.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101***ELL210 English Morphology***3 credits; 3 hours*

This course applies linguistic principles to the study of the English vocabulary and examines morphemes and how they combine to form English words. Topics include an overview of the history of English with particular emphasis on word development, word histories, sound change and meaning change, sources of new words, usage and variation and slang.

Prerequisite: ELL101, ENC/G101, MAT096

ELL220 Introduction to Sociolinguistics*3 credits; 3 hours*

This course surveys topics in sociolinguistics including language codes, regional and social dialects, and language variation as well as the cultural basis of language codes. Additional areas of study include the origins of pidgin and creole languages and the formation of speech communities/communities of practice. An overview of research methods common to sociolinguistic research will also be introduced.

Prerequisite: ELL101, ENC/G101, MAT096

Modern Languages and Literatures**American Sign Language****ELM101 American Sign Language I***3 credits; 3 hours*

This course introduces the fundamentals of American Sign Language (ASL) as used by the Deaf community, including vocabulary, syntax, grammar, semantics, language in use and Deaf cultural notes. International Sign Languages will also be explored. The course focuses on the development of language and communication competencies.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, ESL/R099, MAT096

Note: A student must successfully complete ELM102 American Sign Language II before credit is granted for ELM101 American Sign Language I.

ELM102 American Sign Language II*3 credits; 3 hours*

This course builds on the foundations of American Sign Language 1 (ELM 101). The course focuses on American Sign Language as used by the Deaf community and includes instruction in vocabulary, syntax, grammar, semantics, language in use and Deaf cultural behavior. The course focuses on the development of language and communication competencies.

Prerequisite: ELM101 or Placement Exam

ELM103 American Sign Language III*3 credits; 3 hours*

This course builds on students' ASL competences and their use of ASL in a variety of discourse and narrative settings. Skills to be developed are: spatial organization, semantic awareness, complex use of ASL grammar and syntax, the use of classifiers, cultural perspectives of content and Deaf people's views of both Deaf and hearing worlds.

Prerequisite: ELM102 or Placement Exam

ELM104 American Sign Language IV*3 credits; 3 hours*

This course focuses on the advanced development of students' ASL competences and their use of ASL in a variety of discourse and narrative settings. Skills to be developed are: spatial

organization, spatial visualization and mapping work; analysis of semantics, complex use of ASL grammar and syntax, the use of classifiers, and cultural perspectives of contents and Deaf culture and bilingual perspectives.

Prerequisite: ELM103 or Placement Exam

ELM111 ASL Fingerspelling, Numbers and Glossing 1*1 credit; 2 hours (1 lecture, 1 lab)*

This course introduces the fundamentals of American Sign Language (ASL) fingerspelling, numbers and glossing. It focuses on the development of ASL parameters, including hand shapes, orientation, location, movement and non-manual signals.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, ESL/R099, MAT095

Pre-or Corequisite: ELM102

ELM112 Fingerspelling, Numbers & Glossing 2*2 credits; 3 hours (2 lecture, 1 lab)*

This course builds on the foundations of American Sign Language (ASL) fingerspelling, numbering and glossing covered in ELM 111. The course focuses on the further development of ASL parameters, including hand shapes, orientation, location, movement and non-manual signs.

Prerequisite: ELM111

Pre-corequisite: ELM103

ELM210 Sign Language Linguistics*3 credits; 3 hours*

This course compares the fundamental linguistic structures of American Sign Language, English and other signed languages. The phonology, morphology, syntax, semantics and pragmatics of each language will be examined. Students will use a descriptive framework to identify and analyze the linguistic features across both spoken and signed languages. The course will utilize theoretical and methodological approaches to the study of sign languages. Fluency in American Sign Language is not required.

Prerequisite: ELL101, ELM102

Arabic**ELA101 Elementary Arabic 1***3 credits; 3 hours*

This course is designed for beginners of Arabic and aims to develop students' listening, speaking, reading and writing skills in Arabic. An understanding of Arabic culture is nourished through the examination of cultural practices and perspectives. Students will learn Arabic pronunciation, grammar and vocabulary in the context of important aspects of the culture essential for effective communication.

Prerequisite: ESL097

Note: A student must successfully complete ELA102 Elementary Arabic 2 before credit is granted for ELA101 Elementary Arabic 1

ELA102 Elementary Arabic 2*3 credits; 3 hours*

ELA102 is designed to further develop students' language ability in Arabic. The course continues to introduce students to the four language skills (i.e., speaking, writing, reading, and listening), fundamental grammar, as well as cultural facts of the Arab world.

Prerequisite: ELA101, ESL097, or Exemption Exam

ELA103 Intermediate Arabic I*3 credits; 3 hours*

This course is designed to help students who completed ELA102 to enhance their four basic skills in Arabic. The course especially focuses on improving students' Arabic grammar, usage, and their critical reading and writing strategies in Arabic through project-based assignments. This course is mostly taught in Arabic.

Prerequisite: ELA102, ESL097

ELA105 Arabic for Heritage Speakers*3 credits; 4 hours*

This course is designed to help heritage speakers of Arabic to enhance their reading and writing competence of the target language in the formal and high-level register. The course especially focuses on improving students' Arabic grammar, usage, and their critical reading and writing strategies in Arabic through project-based assignments. This course is taught in Arabic.

Prerequisite: ESL097 or Exemption Exam

ELA201 Modern Arabic Literature*3 credits; 3 hours*

The course examines an array of Arab literary writings from the late 19th century to the present. Literary genres include fiction, memoirs and polemical pieces, short stories, essays, poetry, plays and novels. A careful attention is devoted to the historical, cultural, social, political and economic context in which each text was created. Class discussions focus on Arab intellectuals and the West, Arab literature, identity, nation/nationalism, colonialism, sexuality and religion. This course is taught in Arabic.

Prerequisite: Exemption Exam

ELA250 Arabic Literature in Translation*3 credits; 3 hours*

This course provides students with an opportunity to study Modern Arabic literature and to become familiar with the culture of the Middle East and North Africa. In addition to major literary works illuminating changes in the Arab culture and society, screening of film adaptations of some master pieces of Arabic literary works will offer new perspectives about the lives and experiences of Arab writers. Class discussions will encompass Arab intellectuals and the modernization ideology in the 19th century; writing and diglossia, nation and nationalism; Arabic literature and colonialism; literature and war; patriarchy, sexuality, and religion.

Prerequisite: ENA/ENC/ENG101

ELA260 Arab Cinema: Cultural Insights through Film*3 credits; 3 hours*

The course introduces students to the history and to the contemporary diversity of Arab cinema as an artistic and social form, and as a political instrument. It examines an array of Arab films from the early 20th century to the present. Readings and screenings investigate these major areas: the construction of identity, socio-political and cultural change, Islam, history and modernity, the quest for freedom, women and sexuality. The class is taught in English and prior knowledge of Arabic is not necessary.

Prerequisite: ENA/ENC/ENG101

Bengali**ELV101 Elementary Bengali 1***3 credits; 4 hours (3 lecture, 1 lab)*

This course for beginners is designed to develop listening, speaking, reading, and writing skills within a sociolinguistic context of Bengali-speaking people through work in the classroom and the language laboratory.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

Note: Student must successfully complete ELV102 before credit toward graduation is granted for ELV101 Elementary Bengali 1.

ELV102 Elementary Bengali 2*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELV101. Listening, speaking, reading and writing skills will be further developed within a sociolinguistic context of Bengali-speaking peoples through work in the classroom and the language laboratory. All writing will be done using Bengali script.

Prerequisite: ELV101 or Exemption Exam

ELV103 Intermediate Bengali*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to further develop functional language proficiency and increase the ability to communicate accurately in Bengali within a socio-cultural context. The four communicative skills of listening, speaking, reading and writing are emphasized with particular attention paid to sentence and paragraph structure, grammatical features, and oral and written fluency.

The Bengali writing system will be reinforced. Taught in Bengali.

Prerequisite: ELV102 or Exemption Exam

ELV105 Bengali for Heritage Students*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to enable heritage speakers of Bengali to enhance their reading and writing competence through a review of grammar and usage, basic composition strategies and analysis of primary material in the language. This course is taught in Bengali.

Prerequisite: Exemption Exam

Pre- or Corequisite: CSE099, ENG098, ESL097

ELV201 Modern Bengali Literature*3 credits; 3 hours*

This course will familiarize students with modern Bengali literature through selected readings from various genres. Representative authors from West Bengal and Bangladesh will be studied. This course is taught in Bengali.

Prerequisite: Exemption Exam

Chinese**ELC101 Modern Chinese I***3 credits; 4 hours (3 lecture, 1 lab)*

This course is for beginners of Modern Chinese (Mandarin) and aims to develop listening, speaking, reading and writing skills in Chinese. An understanding of Chinese culture is also nourished through the examination of cultural practices and perspectives. Students will learn Chinese pronunciation, grammar and vocabulary in the context of important aspects of the culture essential for effective communication.

Prerequisite: ESL097

Note: Student must successfully complete ELC102 before credit toward graduation is granted for ELC101 Modern Chinese 1.

ELC102 Modern Chinese II*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELC101 and is designed to further develop students' language fluency and proficiency, and communication skills of the target language within a cultural and linguistic context. The basic Chinese writing system and characters will be introduced.

Prerequisite: ELC101, ESL097, or Exemption Exam

ELC103 Intermediate Modern Chinese I*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELC102, Elementary Chinese 2. The purpose of the course is to help students build functional language proficiency and increase their ability to communicate in Chinese with confidence and ease. This course is taught mostly in Chinese.

Prerequisite: ESL097, ELC102, or Exemption Exam

ELC105 Modern Chinese for Heritage Students*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to help heritage speakers of Chinese to enhance their reading and writing competence of the target language in the formal and high-level register. The course especially focuses on improving students' Chinese grammar, usage, and their critical reading and writing strategies in Chinese through project-based assignments. This course is mostly taught in Chinese.

Prerequisite: ESL097, Exemption Exam

ELC106 Chinese for Heritage Speakers 2*3 credits*

This course is a continuation of ELC105, Chinese for Heritage Speakers 1. This course is designed to help heritage speakers of Chinese to enhance their reading and writing competence of the target language in the formal and high-level register. The course especially focuses on improving students' Chinese grammar, usage, and their critical reading and writing strategies in Chinese through project-based assignments. This course is taught in Chinese.

Prerequisite: ESL097, Exemption Exam

ELC115 Chinese for Community Wellness*3 credits; 4 hours (3 classroom, 1 lab)*

This course will teach the basic Chinese language (Mandarin) in the context of a diverse community setting using the communicative approach. It will focus primarily on fundamental language structures, cultural issues, and language related to health and wellness that will allow for effective interaction between community workers and Chinese-speaking residents. This is an introductory course that requires no previous experience with the Chinese language and is closed to proficient speakers of Chinese.

Pre-or Corequisite: ESL097

ELC201 Modern Chinese Literature*3 credits; 3 hours*

This course introduces students to modern Chinese literature and culture. Readings will be taken from various genres of literature, with an emphasis on modern Chinese literary expression. The course aims at strengthening the student's ability to read and discuss literature in Chinese. Special attention will be paid to the Chinese literary tradition and its relationship to Western literature.

Prerequisite: Placement Exam

ELC202 Contemporary Chinese Literature*3 credits; 3 hours*

This course is an introduction to contemporary Chinese literature. It aims at familiarizing students with the literature written in Chinese from 1949 to the present, and the concomitant transformation of Chinese socio-cultural milieu since the creation of the People's Republic of China. This course is taught in Chinese.

Prerequisite: Placement Exam

ELC203 Classic Chinese Literature*3 credits; 3 hours*

This course is an introduction to classical Chinese literature. It aims at strengthening students' ability to read and comprehend original texts written in wen yan wen, classical written Chinese. Furthermore, it enables students to have direct, zero-distance contact with genuine Chinese culture and ideology. This course is taught in Chinese.

Prerequisite: Placement Exam

ELC250: Chinese Literature in English Translation*3 credits; 3 hours*

This course is an introduction to Chinese literature in English translation. Students will read and discuss selected philosophical and historical writings, poetry, prose fiction, and drama from the Zhou Dynasty to the modern period, including Tang poems, Yuan plays, and the modern novel. Thematic and stylistic variety of the various genres will be explored. Knowledge of the Chinese language is not required.

Prerequisite: ENA/ENG099, ESA099, ENA/ENC101

French

ELF101 Elementary French I*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed for beginners of French and aims to develop students' listening, speaking, reading and writing skills in French. An understanding of Francophone culture is nourished through the examination of cultural practices and perspectives. Students will learn French pronunciation, grammar and vocabulary in the context of important aspects of the culture essential for effective communication.

Prerequisite: ESL097

Note: A student must successfully complete ELF102 before credit is granted for ELF101 Elementary French 1.

ELF102 Elementary French II*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELF101 Elementary French 1. The course is designed to further develop listening, speaking, reading, and writing within a cultural context.

Prerequisite: ESL097, ELF101, or Exemption Exam

ELF103 Intermediate French 1*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELF102 Elementary French 2. The purpose of the course is to help students build functional language proficiency and increase their ability to communicate in French with confidence and ease. This course is taught mostly in French.

Prerequisite: ESL097, ELF102, or Exemption Exam

ELF105 French for Heritage Speakers*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to help heritage speakers of French to enhance their reading and writing competence of the target language in the formal and high-level register. The course especially focuses on improving students' French grammar, usage, and their critical reading and writing strategies in French through project-based assignments. This course is mostly taught in French.

Prerequisite: ESL097, Exemption Exam

ELF201 French Literature from a Global Perspective*3 credits; 3 hours*

This course provides an exploration of key literary French and Francophone texts and investigates it as serious, rational, psychological, free and artistic literature. By readings and discussions our course will present a global vision on the French literature through history

Prerequisite: Placement Exam

ELF250 Modern French Literature in Translation*3 credits; 3 hours*

This course is an introduction to modern French literature in English translation. Readings are chosen from important literary movements: Enlightenment, Romanticism, Dadaism, Surrealism, Existentialism, and the New Novel. Attention is paid not only to the texts themselves, but also to the literary movements and forms they represent

Prerequisite: ENA/ENC/ENG101

Greek

ELG103 Intermediate Greek*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to further develop language skills. The relationship between speaking, reading and writing is emphasized.

Prerequisite: Exemption Exam

Hebrew

ELH101 Elementary Hebrew I*3 credits; 3 hours*

This course aims to develop listening, speaking, reading and writing skills in Hebrew. Knowledge and understanding of Israeli culture are also nourished through the examination of cultural practices, products, and perspectives. Writing and reading of the Hebrew script will be introduced as well.

Prerequisite: ESL097

Note: Students proficient in Hebrew must take higher-level courses appropriate for their proficiency levels. Also, a student must successfully complete ELH102 before credit is granted for ELH101.

ELH102 Elementary Hebrew II*3 credits; 3 hours*

This course is a continuation of ELH101 Elementary Hebrew 1. The course is designed to further develop listening, speaking, reading, and writing within a cultural context. While the main emphasis is on the spoken language, reading of the print and writing of the scripts, will be gradually reinforced.

Prerequisite: ELH101, ESL097, or Exemption Exam

ELH201 Contemporary Hebrew Literature*3 credits; 3 hours*

This course is an introduction to literature written in modern Hebrew and the culture of Israel. Its goal is to familiarize students with an author, a genre or a theme and to explore the socio-cultural milieu in which it developed. This course is taught in modern Hebrew.

Prerequisite: Exemption Exam

ELH250 Contemporary Hebrew Literature in Translation*3 credits; 3 hours*

This course is an introduction to Hebrew literature in English translation and the culture of Israel. The goal of the course is to familiarize students with an author, a genre or a theme and to explore the socio-cultural milieu in which it developed. Thematic and stylistic variety of various genres will be explored. Knowledge of the Hebrew language is not required.

Prerequisite: ENA/ENG099, ESA099, ENA/ENC101

Italian

ELI101 Elementary Italian I*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed for beginners of Italian and aims to develop students' listening, speaking, reading and writing skills in Italian. An understanding of Italian culture is nourished through the examination of cultural practices and perspectives. Students will learn Italian pronunciation, grammar and vocabulary in the context of important aspects of the culture essential for effective communication.

Prerequisite: ESL097

Note: A student must successfully complete ELI102 before credit is granted for ELI101 Italian I.

ELI102 Elementary Italian II*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELI101, Elementary Italian I and is designed to further develop listening, speaking, reading, and writing within a cultural context. Students will learn more about Italian pronunciation, grammar and vocabulary in selected cultural contexts.

Prerequisite: ESL097, ELI101, or Exemption Exam

ELI103 Intermediate Italian I*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to further develop functional language proficiency and increase the ability to communicate accurately in Italian within a socio-cultural context. The four communicative skills of listening speaking, reading and writing are emphasized with particular attention paid to sentence and paragraph structure, grammatical features, and oral and written fluency. This course is taught mostly in Italian.

Prerequisite: ESL097, Exemption Exam

ELI107 Italian for Spanish-Speaking Students 1*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed as an accelerated introduction to Italian for Spanish-speaking students with native or near-native proficiency. Traditional and innovative approaches will be used to develop communication skills – understanding, speaking, reading and writing. Students will also be introduced to Italian culture through readings, images, lectures, music and film. The course is conducted in Italian.

Prerequisite: CSE095, ESL098

ELI250 Italian Literature in Translation*3 credits; 3 hours*

This introduction to Italian literature begins with a discussion of Dante's Hell as a medieval outcry against political corruption. The course concludes with Italo Calvino's twentieth-century portrait of a man who takes to the trees as a form of social commentary. The class will explore literary themes in social and political context through diverse media. The course will be conducted in English, and students will read the literary works in English translation.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, ESL098

Japanese

ELJ101 Elementary Japanese 1*3 credits; 4 hours (3 lecture, 1 lab)*

This course aims to develop listening, speaking, reading and writing skills in Japanese. Knowledge and understanding of Japanese culture are also nourished through the examination of cultural practices, products, and perspectives. Writing and reading of Hiragana and Katakana skills will be introduced as well. Note: Students proficient in Japanese must take higher-level courses appropriate for their proficiency levels.

A student must successfully complete ELJ102 before credit is granted for ELJ101 Elementary Japanese 1.

Prerequisite: ESL097

ELJ102 Elementary Japanese 2*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELJ101 Elementary Japanese 1. The course is designed to further develop listening, speaking, reading, and writing within a cultural context. While the main emphasis is on the spoken language, reading and writing of the Japanese scripts, including approximately 50-60 Kanji characters, will be gradually reinforced.

Pre- or Corequisite: ESL097, ELJ101, or Exemption Exam

ELJ103 Intermediate Japanese 1*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELJ102 Elementary Japanese 2. The course is designed to further develop functional language proficiency and increase students' ability to communicate

accurately in Japanese within a socio-cultural context. The four communicative skills of listening, speaking, reading, and writing are emphasized. Particular attention is paid to sentence and paragraph structure, grammatical features, and oral and written fluency. The Kanji writing system will be reinforced.

Prerequisite: ESL097, ELJ102 or Exemption Exam

ELJ104 Intermediate Japanese 2

3 credits; 4 hours (3 lecture, 1 lab)

This course is a continuation of ELJ103 and focuses on developing students' reading and writing fluency in Japanese and the proper use of Japanese in cultural contexts.

Prerequisite: ELJ103, ESL097, or Exemption Exam

ELJ105 Japanese for Heritage Speakers

3 credits; 4 hours (3 lecture, 1 lab)

This course is designed to help heritage speakers of Japanese to enhance their reading and writing competence of the target language in the formal and high-level register. The class especially focuses on Japanese grammar, usage, and students' critical reading and writing strategies in Japanese through project-based assignments.

Prerequisite: ESL097, Exemption Exam

ELJ110 Intensive Japanese 1 & 2

6 credits; 8 hours (6 lecture, 2 lab)

This course is an intensive course for beginners using a communicative approach to develop conversational skills and provide the student with a foundation in Japanese grammar, pronunciation, vocabulary, and familiarity with the culture of Japanese-speaking people. This course is equivalent to ELJ101-102, and it is not open to native or heritage speakers of Japanese.

Prerequisite: ESL098

ELJ201 Modern Japanese Literature

3 credits; 3 hours

This course will familiarize students with modern Japanese literature through selected readings with an emphasis on expository style. Representative authors from the Meiji, Taisho, Showa and post-war literature will be selected. [Readings are in Japanese]

Prerequisite: Exemption Exam

ELJ250 Japanese Literature In Translation

3 credits; 3 hours

This course is an introduction to Japanese literature in English translation. Selected classics of Japanese literature representative of the major genres from the early to the modern period will be read and discussed. Thematic and stylistic variety of various genres will be explored. Knowledge of the Japanese language is not required.

Prerequisite: ENA/ENC/ENG101

Korean

ELK101 Elementary Korean I

3 credits; 4 hours (3 lecture, 1 lab)

This course is for beginners of Korean and aims to develop listening, speaking, reading and writing skills in Korean. An understanding of Korean culture is also nourished through the examination of cultural practices and perspectives. Students will learn Korean pronunciation, grammar and vocabulary. The Korean script Hangeul will be introduced from the beginning of the course.

Prerequisite: ESL097

Note: Student must successfully complete ELK102 before credit toward graduation is granted for ELK101 Elementary Korean 1.

ELK102 Elementary Korean II

3 credits; 4 hours (3 lecture, 1 lab)

This course is a continuation of ELK101 Elementary Korean 1 and is designed to further develop students' language fluency and proficiency, and communication skills of the target language within a cultural and linguistic context.

Prerequisite: ELK101, ESL097, or Exemption Exam

ELK103 Intermediate Korean 1

3 credits; 4 hours (3 lecture, 1 lab)

This course is a continuation of ELK102. The purpose of the course is to help students build functional language proficiency and increase their ability to communicate in Korean with confidence and ease. This course is taught mostly in Korean.

Prerequisite: ELK102, ESL097, or Exemption Exam

ELK105 Korean for Heritage Students

3 credits; 4 hours (3 lecture, 1 lab)

This course is designed to help heritage speakers of Korean to enhance their reading and writing competence of the target language in the formal and high-level register. The course especially focuses on improving students' Korean grammar, usage, and their critical reading and writing strategies in Korean through project-based assignments. This course is mostly taught in Korean.

Prerequisite: ESL097, Exemption Exam

ELK201 Modern Korean Literature

3 credits; 3 hours

This course will familiarize students with modern Korean literature through selected readings of representative authors from 1910 to present in English translation. The class explores, analyzes and interprets literary works reflecting major sociopolitical and historical movements, including conflicts between tradition and modernity, colonialism, construction of national identity, the Korean War and national division, and industrialization. This course is taught in Korean.

Prerequisite: Exemption Exam

ELK250 Modern Korean Literature in Translation*3 credits; 3 hours*

This course will familiarize students with modern Korean literature through selected readings of representative authors from 1910 to present in English translation. The class explores, analyzes and interprets literary works reflecting major sociopolitical and historical movements, including conflicts between tradition and modernity, colonialism, construction of national identity, the Korean War and national division, and industrialization.

Prerequisite: ELK105 or Exemption Exam

Polish**ELP101 Elementary Polish I***3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed for beginners of Polish and aims to develop students' listening, speaking, reading and writing skills in Polish. An understanding of Polish culture is nourished through the examination of cultural practices and perspectives. Students will learn Polish pronunciation, grammar and vocabulary in the context of important aspects of the culture for effective communication.

Prerequisite: ESL097

Note: A student must successfully complete ELP102 before credit toward graduation is granted for ELP101 Elementary Polish I.

ELP102 Elementary Polish II*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELP101 Elementary Polish I. The course is designed to further develop listening, speaking, reading, and writing within a cultural context.

Prerequisite: ELP101, ESL097, or Exemption Exam

ELP103 Intermediate Polish I*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELP102 Elementary Polish II. The purpose of the course is to help students build functional language proficiency and increase their ability to communicate in Polish with confidence and ease. This course is taught mostly in Polish.

Prerequisite: ELP102, ESL097, or Exemption Exam

ELP105 Polish for Heritage Students*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to help heritage speakers of Polish to enhance their reading and writing competence of the target language in the academic and formal register. Students will acquire skills that range from learning grammar and spelling, and developing vocabulary, to interpretation and analysis of different literary genres. Students will explore a broad variety of cultural themes. Topics will include: Polish literature – classic and modern, social life, contemporary affairs and films.

Prerequisite: CSE095, ESL097, Exemption Exam

ELP201 Modern Polish Literature*3 credits; 3 hours*

This course will serve as an introduction to the works of 19th, 20th and 21st century Polish writers through an examination of artistic, literary, and intellectual movements against the background of European political events from the period of the partitions, through independent statehood, German occupation and the communist experiment. The course will examine key literary and philosophical works and explore main themes of national memory and patterns of social and cultural transformation. The course will be conducted in Polish.

Prerequisite: ENG098, ESL097, Placement Exam

Portuguese**ELZ101 Elementary Portuguese I***3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed for beginners of Portuguese and aims to develop students' listening, speaking, reading and writing skills in Portuguese. An understanding of Portuguese language is nourished through the examination of cultural practices and perspectives. Students will learn Portuguese pronunciation, grammar and vocabulary in the context of important aspects of the culture essential for effective communication.

Prerequisite: ESL097

Note: A student must successfully complete ELZ102 before credit is granted for ELZ101 Elementary Portuguese I.

ELZ102 Elementary Portuguese II*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELZ101 Elementary Portuguese I. The course is designed to further develop listening, speaking, reading, and writing within a cultural context.

Prerequisite: ELZ101, ESL097, or Exemption Exam

Russian**ELR101 Elementary Russian I***3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed for beginners of Russian and aims to develop students' listening, speaking, reading and writing skills in Russian. An understanding of Russian culture is nourished through the examination of cultural practices and perspectives. Students will learn Russian pronunciation, grammar and vocabulary in the context of important aspects of the culture essential for effective communication.

Prerequisite: ESL097

Note: A student must successfully complete ELR102 before credit toward graduation is granted for ELR101 Elementary Russian I.

ELR102 Elementary Russian II*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELR101 Elementary Russian I. The course is designed to further develop listening, speaking, reading, and writing within a cultural context.

Prerequisite: ELR101, ESL097, or Exemption Exam

ELR103 Intermediate Russian*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to further develop listening, speaking, reading and writing skills in Russian within a cultural context.

Prerequisite: Exemption Exam

ELR105 Russian for Heritage Students*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed for Russian heritage students who wish to enhance their communicative skills.

Prerequisite: Exemption Exam

ELR201 Russian Literature of the 20th Century*3 credits; 3 hours*

This course will familiarize students with key works by Russian writers from the end of the tsarist monarchy to the present.

Prerequisite: Placement Exam

ELR250: 20th Century Russian Literature in Translation*3 credits; 3 hours*

This course is an introduction to Russian literature of the twentieth century in English translation. Selected texts covering the major genres and movements will be read, discussed, and explored. Texts are analyzed in terms of their ethical implications in the context of local and national ideologies of Russia in the 20th century. Works will be interpreted as reflecting norms and values of social and individual facts of the time. Knowledge of Russian is not required.

Prerequisite: ENA/ENC/ENG101

Spanish

ELS101 Elementary Spanish I*3 credits; 4 hours (3 lecture, 1 lab)*

This course aims to develop listening, speaking, reading and writing skills in Spanish. Knowledge and understanding of Spanish culture is also nourished through the examination of cultural practices, products, and perspectives. Note: This class is not for native or heritage speakers of Spanish.

Prerequisite: ESL097

Note: Students proficient in Spanish and heritage speakers must take higher-level courses appropriate to their proficiency levels. A student must successfully complete ELS102 before credit is granted for ELS101 Elementary Spanish I.

ELS102 Elementary Spanish II*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of ELS101 Elementary Spanish I. It is designed to further develop listening, speaking, reading, and writing within a cultural context. This class is not for native or heritage speakers of Spanish. Students proficient in Spanish and heritage speakers must take higher-level courses appropriate to their proficiency levels.

Prerequisite: ELS101, ESL097, or Exemption Exam

ELS103 Intermediate Spanish I*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to further develop functional language proficiency and increase the ability to communicate accurately in Spanish within a socio-cultural context. The four communicative skills of listening, speaking, reading and writing are emphasized with particular attention to sentence and paragraph structure, grammatical features, and oral and written fluency. This course is taught mostly in Spanish.

Prerequisite: ELS102, ESL097, or Exemption Exam

ELS105 Spanish for Heritage Speakers I*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to help heritage speakers of Spanish to enhance their reading and writing competence of the target language in their formal and high-level register. The course especially focuses on Spanish grammar, usage, and students' critical reading and writing strategies in Spanish through project-based assignments. This course is taught in Spanish.

Prerequisite: ESL097, Exemption Exam

ELS200 Latin American Literature I*3 credits; 3 hours*

This course deals with an introduction to Latin American literature and its relationship to the dynamics of social change. The course also traces the influence of European, North American, African and pre-Columbian elements on Latin American literary movements. Topics include pre-Columbian literatures, colonization and exploration, the wars of independence and abolition.

Prerequisite: Placement Exam

ELS201 Latin American Literature II*3 credits; 3 hours*

This course is a continuation of Latin American Literature I. The second term deals with urbanization, social consciousness, alienation, black awareness and the new revolutions.

Prerequisite: Placement Exam

ELS204 Latin American Civilizations*3 credits; 3 hours*

This course deals with an in-depth study of the peoples and cultural institutions of Latin America through the examination of selected topics such as caudillismo, machismo, mestizaje, honor, slavery and aboriginal traditions as reflected in different forms of literary and artistic expression. Students will learn to comment critically on Latin American civilization and to make significant comparisons with their own backgrounds and experiences.

Prerequisite: Placement Exam

ELS205 Latin American Civilizations*3 credits; 3 hours*

This course deals with an in-depth study of peoples and cultural institutions of Latin America through the examination of selected topics such as caudillismo, machismo, mestizaje, honor, slavery and aboriginal traditions as reflected in different forms of literary and artistic expression. Students will learn to comment critically on Latin American civilization and to make significant comparisons with their own backgrounds and experiences. In English. No exemption credit in Spanish.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

Note: Not open to students with credit for ELS/HUS104

ELS209 Spanish Grammar and Usage*3 credits; 3 hours*

This course is designed as a descriptive study of the structure of the Spanish language, while offering writing practice through the analysis of lexical and morphological variations and differences in register in selected texts. Students will analyze Spanish syntax, increase their understanding of the structures of Spanish and develop stylistically correct prose. They will also be able to recognize dialectal variations, differences in register and linguistic calques. Taught in Spanish.

Prerequisite: ENA/ENC/ENG101, ELS210

ELS210 Advanced Spanish Composition*3 credits; 3 hours*

This course is designed as an introduction to the study of fiction and stylistics in the Spanish language. Students learn to identify and utilize effective communicative strategies in written Spanish. They also build an adequate vocabulary for career or academic purposes. Weekly assignments will stress critical and composition skills.

Prerequisite: Placement Exam

ELS211 Spanish Literature I*3 credits; 3 hours*

This course will familiarize students with the literature of Spain from the Middle Ages through the 1700. Students will read and analyze representative works of different styles, genres and literary periods selected every semester. This course is taught in Spanish.

Prerequisite: ELS105 or Exemption Exam

ELS212 Spanish Literature II*3 credits; 3 hours*

This course traces the development of peninsular Spanish literature from Romanticism to the present. Students will learn about the thematic, stylistic and ideological characteristics of representative movements such as romanticismo, realismo, costumbrismo, Generacion del 98, Generacion del 27, vanguardismo and pre and post Civil War neorealismo. Feminist literature will also be considered. The course will include genre theory as it pertains to poetry drama, the short story, the novel and the essay. In Spanish.

Prerequisite: ELS105

Pre- or Corequisite: ENG098, ESL097

ELS215, Introduction to Hispanic Literature*3 credits; 3 hours*

This course is designed to introduce students to Hispanic — Spanish and Latin American — fiction, poetry, and drama through readings of representative authors from major periods, and to familiarize students with the basic tools and methodology of literary analysis. This course is taught in Spanish.

Prerequisite: ELS106 or Exemption Exam

ELS220 Spanish for Global Business*3 credits; 3 hours*

The course is designed to enable the student to become familiar with the culture of the business world in Spanish-speaking countries and with basic concepts of business, economics and finance. Emphasis is placed on both oral and written communications that are standard in Latin American and Spanish business settings. Students will build language skills around pertinent terminology and develop a cross-cultural understanding of different styles of conducting business.

Prerequisite: ELS105 or Exemption Exam

ELS230 History of the Spanish Language*3 credits; 3 hours*

This course traces the development of the Spanish language from the Vulgar Latin of the Middle Ages to contemporary Standard Spanish. The course focuses on the historical and cultural factors that determined changes in the morphological, lexical, phonological, semantic and syntactic development of modern Spanish. The influence of Arabic, the Amerindian and African languages, as well as contact with modern English will be considered. Taught in Spanish.

Prerequisite: ELL101, ELS105

ELS250 Latin American Fiction in Translation*3 credits; 3 hours*

This course explores the thematic and stylistic variety of contemporary Latin American fiction in English translation. Students will explore the themes of dictatorship, struggle with nature, the plight of natives, mestizaje, social and political unrest and alienation through the analysis of representative stories, novellas and novels. Experimental and fantastic fiction will also be considered. Students will learn about the literary movements that influenced the writers in question.

Prerequisite: ENA/ENC/ENG101

ELS270 Literature of the Caribbean*3 credits; 3 hours*

This course deals with a comparative study of the novel, drama, poetry, and essay of the countries in the Caribbean basin. Course content will change according to instructor and student preferences. Representative authors may include Marti, Hostos, Llorens Torres, Guillen, Lezama Lima, Mir, Bosch, Cesaire, Carpentier and Ferre.

Prerequisite: Placement Exam

Tibetan

ELT101 Elementary Tibetan I

3 credits; 4 hours (3 lecture, 1 lab)

This is a course for those with little or no understanding of Tibetan. The course will focus on development of aural comprehension, and speaking and reading skills. Students will be expected to correctly produce the Tibetan sound system, master and reproduce basic sentence patterns, and achieve the ability to engage in basic Tibetan conversation.

Prerequisite: ESL097

Note: A student must successfully complete ELT102 Elementary Tibetan II before credit is granted for ELT101 Elementary Tibetan I.

ELT102 Elementary Tibetan II

3 credits; 4 hours (3 lecture, 1 lab)

This course is a continuation of Elementary Tibetan I. The course will focus on development of aural comprehension, speaking and reading skills. Students will be expected to correctly produce the Tibetan sound system, master and reproduce basic sentence patterns, and achieve the ability to engage in basic Tibetan conversation at an advanced basic to low intermediate level.

Prerequisite: ELT101, ESL097, or Exemption Exam

ELT105 Tibetan for Heritage Speakers

3 credits; 4 hours (3 lecture, 1 lab)

This course is designed for heritage speakers of Tibetan. Communicative approach is used to develop conversational skills and provide the student with a foundation in grammar, pronunciation and vocabulary. The main goal is that students improve their knowledge of the Tibetan language and culture through reading selected literary and sacred texts. This class is taught in Tibetan.

Prerequisite: ESL097, Exemption Exam

Uzbek

ELU101 Elementary Uzbek I

3 credits; 4 hours (3 lecture, 1 lab)

This course is for beginners without any previous instruction in Uzbek. The course is designed to develop listening, speaking, reading and writing skills. Knowledge and understanding of Uzbek culture is also discussed through the examination of cultural practices, products, and perspectives. Writing and reading of the Uzbek orthography (both Cyrillic and Latin scripts) will be introduced.

Note: A student must successfully complete ELU102 before credit is granted for ELU101.

Prerequisite: ESL097

ELU102 Elementary Uzbek II

3 credits; 4 hours (3 lecture, 1 lab)

This course is a continuation of ELU101 and is designed to further develop students' language fluency and proficiency, and communication skills of the target language within cultural and linguistic context. While the main emphasis is on the spoken language, reading and writing of the Uzbek scripts will be gradually reinforced.

Prerequisite: ELU101 or Exemption Exam

Pre-or Corequisite: ESL097

ELU105 Uzbek for Heritage Speakers

3 credits; 4 hours (3 lecture, 1 lab)

This is course designed to help heritage speakers of Uzbek enhance their reading and writing competence in the target language in the formal and high-level register. The course especially focuses on improving students' Uzbek grammar, usage, and their critical reading and writing strategies in Uzbek thought project-based assignments. This course is mostly taught in Uzbek.

Prerequisite: Exemption exam

Urban Study Courses

ELN101 Introduction to Bilingualism

3 credits; 3 hours

The course provides a general introduction to bilingualism. It covers the rationale, principles and applications of a bilingual philosophy of learning. It considers cognitive, psycholinguistic, social and political aspects of bilingualism. It examines language acquisition theories and issues of language and culture maintenance. It also introduces models of bilingual education and bilingual instruction, including past and present legislation. Experiential learning constitutes a significant part of the course.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

This is a Writing Intensive course

ELN105 Languages of the World and of New York City

3 credits; 3 hours

This course explores language use and language history, particularly in the New York metropolitan area. It is an investigation of the features of indigenous languages of the Americas as well as those belonging to the influx of languages from around the world, revealing their deep-seated similarities and surprising differences. It examines the preservation and change of languages and their use in cultural communities in the urban setting.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, ESL/R099.

Pre-or Corequisite: MAT095

This is a Writing Intensive course.

ELN194 The Puerto Rican Community Minority Group Experience*3 credits; 3 hours*

This course examines the Puerto Rican community in order to provide an enhanced awareness of and sensitivity to the value systems of New York City's minorities. Students will experience first-hand the cultural heritage of one of the city's largest minorities and will learn about their contributions, conditions, and problems. Field trips will include El Barrio, Office of the Commonwealth of Puerto Rico, the Puerto Rican Traveling Theatre, and other organizations.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

This is a Writing Intensive course.

English Department

Room E103 (718) 482-5656

The English Department, through a carefully designed curriculum that includes composition, literature and journalism courses, teaches students writing and analytical skills necessary for both academic and career success. The department offers courses in: composition, creative writing, journalism, literature and Urban Study.

Department Faculty

Gordon Tapper, Chairperson; Allia Abdullah-Matta, Olga Aksakalova, Christopher Alexander, Ece Aykol, Anita Baksh, Nancy Berke, Cristina Bruns, Evelyn Burg, Linda Chandler, J. Elizabeth Clark, Terry Cole, Barbara Comins, Carrie A. Conners, Catherine D. Costa, Sorin Cucu, Richard Dragan, Berton R. Eisenstadt, Thomas Fink, Kristen Gallagher, Ximena Gallardo, Gail Green-Anderson, Stafford Gregoire, Natalie Havlin, Jason Hendrickson, Carlos Hiraldo, Bethany Holmstrom, Rochell Isaac, Heidi Johnsen, Jacqueline M. Jones, Jayashree Kamble, Demetrios V. Kapetanakis, Lara Kattekola, Marisa A. Klages-Bombich, Karlyn Koh, Irwin Leopando, Christine Marks, Lucy McNair, Neil Meyer, Claudia Moreno Parsons, Lauren Navarro, Michelle Pacht, LaRose T. Parris, Kimberly Ramirez, Leah Richards, Justin Rogers- Cooper, Victor Rosa, Joy Sanchez- Taylor, Noam Scheindlin, Christopher Schmidt, Jesse Schwartz, Charity Scribner, Sigmund Shen, John O. Silva, C. Jason Smith, Naomi Stubbs, David Styler, Laura Tanenbaum, Lilla Toke, Ting Man Tsao, Phyllis van Slyck, Lykourgos Vasileiou, James Wilson, Xiaoping Yen, Susan Young, Yu Zhang, Dominique Zino.

Composition/Writing

ENA099 Basic Writing I*0 credit; 7 hours (6 lecture, 1 lab)*

In this course students write coherent essays in varied academic formats, responding to culturally diverse materials and using appropriate technology. Students focus on critical and analytical skills and study aspects of argumentation including formulating theses; researching, evaluating, and documenting sources; and communicating persuasively. Three additional hours a week support students with lower placement scores. Admission is based on college placement test scores. Course meets seven classroom hours weekly.

Prerequisite: First semester students only who have not passed the CATW, based on placement.

Pre- or Corequisite: BTF101 or CJF101 or HSF090 or LIF101 or NSF101 or SYF101.

ENA101 Composition I Accelerated*3 credits; 7 hours*

In this course students write coherent essays in varied academic formats, responding to culturally diverse materials and using appropriate technology. Students focus on critical and analytical skills and study aspects of argumentation including formulating theses; researching, evaluating, and documenting sources; and communicating persuasively. Three additional hours a week support students with lower placement scores. Admission is based on college placement test scores. Course meets seven classroom hours weekly.

Prerequisite: First semester students with an exemption or placement of 36-47 on the CATW with a pass on the Reading test of 47-55 on the CATW and CSE 095 or CSE 099.

ENC101 Composition I: An Introduction to Expository Writing*3 credits; 5 hours*

In this course students write coherent essays in varied academic formats, responding to culturally diverse materials and using appropriate technology. Students focus on critical and analytical skills through reading and listening and study aspects of argumentation including formulating theses; researching, evaluating, and documenting sources; and communicating persuasively across contexts, purposes, and media. Admission is based on college placement test scores. This course meets five classroom hours per week.

Prerequisite: First semester students only with a score of 48-55 on the CATW. Students also must have passed the COMPASS reading test

ENG099 Basic Writing I*0 credit; 5 hours (4 lectures, 1 lab)*

(Equivalent to Quick Start USW099)

Basic Writing is designed to introduce and develop college level writing proficiency through careful attention to the writing process. Emphasizing both the writing process and skills needed for timed and high stakes essays, such as the CUNY Assessment Test in Writing (CATW), this course will prepare students for

college level writing. Students will learn text based writing in the short essay form to clearly express ideas in edited U.S. English that integrate analysis of a written text.

Prerequisite: ESL/ESR099, Students must demonstrate readiness for learning college-level writing proficiency as indicated by their score on the CUNY Assessment Test in Writing (CATW) Exam.

Pre- or Corequisite: BTF101 or CJF101 or HSF090 or LIF101 or NSF101 or SYF101

ENG101 Composition I: An Introduction to Composition and Research

3 credits; 4 hours

In this course students write coherent essays in varied academic formats, both in and out of class, responding to culturally diverse materials and using appropriate technology. Students focus on critical and analytical skills through reading and listening and study aspects of argumentation including formulating theses; researching and identifying sources; evaluating and documenting sources; and communicating persuasively across contexts, purposes, and media. Admission is based on college placement test scores. The course meets in four scheduled classroom hours per week.

Prerequisite: CSE095/099, ENA/ENG099, ESA099, ENA/ENC101

ENG102 Composition II: Writing Through Literature

3 credits; 3 hours

This course extends and intensifies the work of Composition I, requiring students to write critically and analytically about culturally-diverse works of literature. Students are introduced to poetry, drama, and fiction, employing close-reading techniques and other methods of literary criticism. Writing assignments follow a variety of academic formats, including the critical research essay, using research methods and documentation procedures. Admission to the course requires completion of Composition I.

Prerequisite: ENA/ENC/ENG101

ENG103 The Research Paper

3 credits; 3 hours

Students write coherent essays in varied academic formats, by using appropriate library research and writing a staged, formal essay. Students learn how to choose an appropriate academic research topic, pose research questions, outline, organize and integrate source material into essays without plagiarizing.

Students find and evaluate both print and on-line sources and practice note-taking, summarizing, paraphrasing, and quoting using in text citations and learn to create a Works Cited page.

Prerequisite: ENA/ENC/ENG101

ENG106 Critical Writing: Analysis and Argumentation

3 credits; 3 hours

This course is designed to reinforce and add to the skills developed in Composition I. Emphasis will be placed on those skills central to planning, composing and revising essays of argumentation and critical analysis. Students will also work on developing greater variety and brevity of style and will write a

series of essays, including precis, analyses and critiques, based on related readings. A final term paper will contain an independent evaluation of secondary sources.

Prerequisite: ENA/ENC/ENG101

ENG/ELL110 English Grammar Syntax

3 credits; 3 hours

This is a grammar and syntax course. The course focuses on the grammatical structures necessary in academic discourse.

The course begins with a review of the English verb system and covers preposition use, English word order, adverb, adjective and noun clauses, reported speech, article usage, complex conditionals and passive voice. Additional topics may be selected in response to particular needs and interests of the students in the class.

Pre- or Corequisite: CSE095, ESL/ESR099

ENG/HUC238 Screenwriting

3 credits; 3 hours

This is a course in the art and craft of writing a fictional narrative for the screen. Screenwriting genres and applications vary widely, yet every one reaches its audience through storytelling. Students examine the ways cinematic narratives show, rather than tell. Students then create their own 10-minute movie script. They explore scene and act structure, character development, dialogue, description, etc. Students learn professional standards for writing for the screen and how to use screenplay software.

Prerequisite: ENA/ENC/ENG101

ENG259 Composition II: Technical Writing

3 credits; 3 hours

This course will focus on the role of writing in engineering, mathematics and computer science. Topics will include practical formats within technical writing, expository and periodical writing on scientific and technological subjects, and other compositional and rhetorical strategies that develop and improve students' abilities in effective written communication. Students will write essays based upon readings in their textbooks and professional essays and articles.

Prerequisites: ENC/G101, MAT096

Pre-corequisite: CSE099

ENN198 Creative Writing Workshop

3 credits; 3 hours

This course introduces students to the elements of creative writing by using New York as a writer's laboratory. Field trips to city places such as schools, streets, parks will lead to writing that uses these places and the people in them as themes. Students will write a variety of creative pieces — sketches, brief narratives, poems, dramatic dialogues dealing with this glimpsed New York life. Reading of and visits with New York writers writing on New York themes will complement these activities.

Prerequisite: ENA/ENC/ENG101

This is a Writing Intensive course.

ENZO99 Basic Writing II: ACT Preparation Workshop*0 credit; 4 hours*

Basic Writing II is designed to reinforce writing skills acquired in ENA/G099 for students who have passed Basic Writing I but who have not yet passed the writing portion of the CUNY Assessment Test in Writing (CATW). The course provides concentrated test-taking strategies and practice necessary for writing argument essays under time constraints. The course also acts, by reinforcement and enhancement of essay writing, as additional preparation for ENG101: Composition I.

Prerequisite: ENA/ENG099, ESA099, ENA/ENC101

Journalism

ENG208 Introduction to Digital Journalism*3 credits; 3 hours*

The purpose of Introduction to Digital Journalism is to provide students with a basic working knowledge of online journalism today, including the technical skills using blogs and social media, producing video, audio and still digital photographs to enhance written stories. Students will look at existing examples of professional digital journalism and create their own content combining writing, photos, videos and / or audio on their own blogs or custom websites.

Prerequisite: ENG102

ENG209 Advanced Digital Journalism*3 credits; 3 hours*

The purpose of the Advanced Digital Journalism course is to allow New Media Digital Journalism Track majors to deepen their knowledge of the tools and techniques used in digital journalism today, and to develop a substantial semester-length project and portfolio mentored by their instructor. Projects may include a variety of digital artifacts including custom written and web content, including a website or blog incorporating a combination of digital audio, photography, video, interactivity and / or data visualizations.

Prerequisite: ENG208

ENG210 Journalism: Its Scope and Use*3 credits; 3 hours*

This course provides an overview of journalism with an emphasis on print and related areas, such as in-house publications and public relations writing. Also to be covered are the history and impact of journalism, particularly the changing role of women and minorities in the press. News reporting, editing, production, newsroom organization and management will be explored through writing assignments, demonstrations and visits to LaGuardia's newspaper as well as professional news publications.

Prerequisite: ENA/ENC/ENG101

ENG211 Journalism: The Craft of Gathering and Reporting the News*3 credits; 3 hours*

This course emphasizes writing various types of hard news stories for mainstream and community newspapers. Students also learn how to use different interview styles to cover a variety of newsbeats. Students will be involved in writing for the College newspaper. Field trips to newsrooms will enable students to write reports on potential careers in news writing.

Prerequisite: ENA/ENC/ENG101

ENG212 Feature Writing for Newspapers and Popular Magazines*3 credits; 3 hours*

This course introduces students to writing various types of feature stories, such as the human interest story, the lifestyle column, opinion and reviews (films, theater, books). To gather material for these features, students will learn how to vary their interview techniques. Press law which applies to writing reviews and opinion will be covered. Each student will also have an opportunity to write a feature profiling cultural diversity at LaGuardia.

Prerequisite: ENA/ENC/ENG101

ENG213 Broadcast Journalism: Writing for Radio*3 credits; 3 hours*

This course introduces student to the essentials of radio news writing. Students learn how to prepare for radio news interviews, how to outline, write and edit radio news spots of various styles, how to proofread stories to avoid violating FCC regulations. This course also focuses on writing for community-based radio stations. Students will visit a community radio station and will write about careers in radio journalism.

Prerequisite: ENA/ENC/ENG101

ENG220 Seminar in Writing Education and Peer Tutoring*4 credits; 4 hours*

The Seminar in Writing Education and peer Tutoring combines discussion of writing theory with actual tutoring and mentoring experiences. Students will learn about methodologies of composition instruction and practice tutoring strategies designed especially for community college students. They will observe Writing Center tutorials as preparation for tutoring in a basic writing or composition class. Students taking this class should be interested in writing, education and peer mentorship.

Prerequisite: ENA/ENC/ENG101

ENG277 Creative Writing: New Media Workshop*3 credits; 3 hours*

This course introduces students to the use of new media technologies as tools, sources and platforms for creative writing. Students will read and discuss literary models and criticism to develop an understanding of relevant concepts and techniques; including works for print, web, social media, and mobile devices. Students will create their own works, present for critique, and revise. The course is scaled to accommodate students with a variety of technical skills from the internet user to the programmer/designer.

Prerequisite: ENA/ENC/ENG101

Literature

ENG204 Asian American Literature

3 credits; 3 hours

This course examines the achievements of Asian American writers, exploring ways in which these writers represent community, class, nation, race, ethnicity, gender, sexuality and culture, and analyzing recurrent themes such as identity, generation conflict and assimilation. Literary works written in English by Khaled Hosseini, Henry David Hwang, Maxine Hong Kingston, Jhumpa Lahiri, Chang-rae Lee, Bharati Mukherjee, John Okada and Wakako Yamauchi, among others, might be studied.

Prerequisite: ENA/ENC/ENG101

ENG205 The Bible as Literature

3 credits; 3 hours

This course is designed to analyze the Bible critically as a literary compilation with particular consideration to the following forms: myth, epic narrative, drama, poetry, prophecy and parable. Questions of literary history, canonicity, authorship and source materials are considered. Various translations (e.g., King James, Coverdale, Jerusalem) may be examined comparatively for their use of language. Selections for study are chosen for their impact on subsequent literature, as well as for their artistic merit.

Prerequisite: ENA/ENC/ENG101

ENG225 Afro-American Literature

3 credits; 3 hours

This course is a survey of African-American literature from its beginning to the present day, including the slavery era, the era of accommodation and protest, the Harlem Renaissance, the integrationist movement, the era of black aestheticism and the post-1960s decades. Writers to be studied might include Wheatley, Douglass, DuBois, Hughes, McKay, Brown, Wright, Brooks, Walker, Ellison, Baldwin, Hansberry, Baraka, Morrison, Naylor and Wilson, among others.

Prerequisite: ENA/ENC/ENG101

ENG235 Cultural Identity in American Literature

3 credits; 3 hours

This course will explore the diverse voices of writers in the United States through a consideration of cultural context. Literature to be discussed may include the contributions of African-American, Asian-American, Euro-American, Latino/a-American and/or Native American writers. Such themes as cultural dislocation, alienation, and re-envisioning identity will be highlighted.

Prerequisite: ENA/ENC/ENG101

ENG245 Images of Women in Literature

3 credits; 3 hours

This course is designed to familiarize the student with the ways in which the role of women has been portrayed in literature. By identifying various stereotypes and certain recurrent themes, students will be made aware of how literature reflects and sometimes determines societal expectations. Works by both male and female authors will be examined including such authors as Henrik Ibsen, D.H. Lawrence, Ernest Hemingway, Tennessee Williams, Edward Albee, Sylvia Plath, Mary Gordon, Toni Morrison, Alice Walker, and Audre Lorde.

Prerequisite: ENA/ENC/ENG101

ENG247 The Woman Writer: Her Vision and Her Art

3 credits; 3 hours

This course will explore the unique experience of the woman writer. Studying works written by women from a variety of cultures, races, and classes will reveal how being a woman has influenced the woman writer's creative interpretation of the human condition. Maya Angelou, Charlotte Bronte, Maxine Hong Kingston, Emily Dickinson, Tillie Olsen and Leslie Marmon Silko will be read.

Prerequisite: ENA/ENC/ENG101

ENG248 Latino/Latina Writing of the United States

3 credits; 3 hours

This course examines the contributions to American literature made by Chicana, Puerto Rican, Cuban and Dominican women writers in the United States over the last thirty years. It surveys the variety of Latina writing and explores the ways in which Latina writers represent community, class, race, gender, culture, nation and ethnicity in their works. Poetry, fiction, essays, autobiographical prose, and dramatic works by authors such as Julia Alvarez, Gloria Anzaldua, Sandra Cisneros, Judith Ortiz Cofer, Cristina Garcia, Cherrie Moraga and Nicholasa Mohr will be studied.

Prerequisite: ENA/ENC/ENG101

ENG250 The Short Story

3 credits; 3 hours

This course will examine the development and conventions of the short story providing analysis of representative short stories in the context of their biographical, social, intellectual and artistic backgrounds. Stories will be chosen to reflect a diversity of cultural, racial and ethnic experiences. Such authors as Eudora Welty, Anton Chekhov, Richard Wright, F. Scott Fitzgerald, Willa Cather, Gloria Anzaldua, Charlotte Perkins Gilman, Yukio Mishima, Nadine Gordimer, Gloria Naylor and Bharati Mukherjee will be studied.

Prerequisite: ENA/ENC/ENG101

ENG252 Sexuality in Literature*3 credits; 3 hours*

This course will introduce students to literature in which sexuality provides the dominant themes, motifs, or images. Issues such as sex as a metaphor for violence, pornography vs. eroticism and the Idealized Lover may be discussed. Authors examined might include Chaucer, Bernard Malamud, Virginia Woolf, Walt Whitman, Donald Goines, Alta and Victor Hernandez Cruz. Works such as *For Colored Girls...*, *Lolita*, *Lady Chatterley's Lover*, *The Color Purple* and *The Picture of Dorian Gray* may be included.

*Prerequisite: ENA/ENC/ENG101***ENG256 Humor in Literature***3 credits; 3 hours*

This course introduces students to humor in literature from the Classic period to the present in the genres of drama, poetry and fiction and provides them with interpretive skills required for an appreciation and understanding of the texts. In reading the work of such authors as Aristophanes, Shakespeare, Ishmael Reed and Fran Lebowitz, the class will define and examine examples of humorous literature such as satire, romantic comedy, parody, and farce.

*Prerequisite: ENA/ENC/ENG101***ENG260 The Novel***3 credits; 3 hours*

This course introduces students to ways of reading, discussing and writing about novels through a close reading and analysis of their elements, and a consideration of their social, cultural and artistic contexts. Novels from a diverse range of sexual, racial, class and ethnic perspectives, from the 18th century to the present, will be selected, including such writers as Jane Austen, James Baldwin, Charles Dickens, F. Scott Fitzgerald, Zora Neale Hurston, Yasunari Kawabata, Gabriel Garcia Marquez, Toni Morrison, Mark Twain and Richard Wright.

*Prerequisite: ENA/ENC/ENG101***ENG261 Literature of Difference: Lesbian/Gay Writers***3 credits; 3 hours*

This course will explore the literature and experiences of lesbian and gay writers. Examining these works will reveal how sexual orientation influences the authors' creative interpretations of themselves, their culture, and the world at large. Themes of growing up gay, coming out, families, relationships, communities, homophobia, AIDS, aging, loss and renewal are explored. Such writers as Brown, White, Lorde, Leavitt, Gomez, Beam, Baldwin, Kramer, Anzaldua and Sarton will be studied.

*Prerequisite: ENA/ENC/ENG101***ENG265 The Drama***3 credits; 3 hours*

In this course, students are introduced to the drama. The characteristics of the form will be examined. Examples of the genre from major periods of its development will be studied, including plays by a range of culturally diverse authors such as Sophocles, William Shakespeare, Oscar Wilde, Henrik Ibsen,

Eugene O'Neill, Lillian Hellman, Lorraine Hansberry, Arthur Miller, Tennessee Williams, Samuel Beckett, John Guare and August Wilson.

*Prerequisite: ENA/ENC/ENG101***ENG266 Shakespeare***3 credits; 3 hours*

This survey course examines a selection of Shakespeare's writings. It also looks at Renaissance social, intellectual and cultural contexts in order to help students understand Shakespeare's world. The course concentrates on various sonnets or poems and a representative selection of plays from the history plays, comedies, "problem plays," tragedies and romances. Whenever possible, through visits to the theatre or film viewing, students are introduced to the "living Shakespeare."

*Prerequisite: ENA/ENC/ENG101***ENG268 The Immigrant Experience in American Literature***3 credits; 3 hours*

This course will offer an introduction to literature written by and about immigrants in America. Attention will be given to the immigrant's experiences and struggles as seen in novels as well as poems, stories and plays. The works of such major writers as Willa Cather, Arthur Miller, James T. Farrell, Mario Puzo, Philip Roth, Alex Haley, William Saroyan, Rene Marques, Paule Marshall, Claude McKay and Maxine Hong Kingston will be considered.

*Prerequisite: ENA/ENC/ENG101***ENG269 Contemporary Black American Fiction***3 credits; 3 hours*

This is a consideration and analysis of a selected number of major Afro-American fiction writers from 1952 to the present. Emphasis will be placed on both the survival of older fictional concerns (e.g., racism, violence, the search for identity) and the appearance of new trends (e.g., the employment of folklore materials, the revitalized use of Black dialects, the emergence of a group of women writers). Works by such authors as Ralph Ellison, James Baldwin, John Williams, Toni Morrison, Albert Murray, Alice Walker, Ernest Gaines and Ishmael Reed will be read.

*Prerequisite: ENA/ENC/ENG101***ENG270 Introduction to Poetry***3 credits; 3 hours*

This course introduces students to the formal conventions of poetry as well as the basic elements that work to create a poem. Poems from different countries and different historical periods will be explored, at times from different critical perspectives. Works by such poets as William Shakespeare, John Donne, Walt Whitman, Emily Dickinson, W.B. Yeats, Langston Hughes, e.e. cummings, Federico Garcia Lorca, Adrienne Rich, Audre Lorde, Leslie Marmon Silko and Gary Soto will be discussed.

Prerequisite: ENA/ENC/ENG101

ENG271 Poetry Writing*3 credits; 3 hours*

This course is designed to introduce students to poetry writing. In writing and revising poems, students will utilize a variety of writing styles. For example, they will practice formal modes such as sonnet, blank verse and sestina, and they will also write free verse. In order to locate stylistic and thematic approaches for their own poems, students will read and discuss poetry in a variety of styles and historical modes. They will have the opportunity to hear poets read works and discuss the writing process. Engaging frequently in peer critiquing of each other's work, students will also develop criteria for evaluating their own poetry and for doing revision. By the end of the semester, they will learn how to submit poetry for publication.

*Prerequisite: ENA/ENC/ENG101***ENG/HUC272 Literature and Film***3 credits; 4 hours*

This course studies the similarities and differences between literature and film. By comparing and contrasting literary works (complete and excerpts) with films, the course illuminates the methods, structures and contents of the two media, as well as their relationship. Writers to be considered may include Shakespeare, Keats, Dickens, Dickinson, Wright, and West; films to be viewed may include those made by Griffith, Chaplin, Eisenstein, Riefenstahl, Flaherty and Resnais.

*Prerequisite: ENG102, HUC150 or HUC270***ENG274 Creative Nonfiction Workshop***3 credits; 3 hours*

This course introduces students to creative non-fiction writing, writing that uses true events for literary effect. In writing and revising creative non-fiction, students will learn and practice a variety of forms, including personal essay, memoir, literary journalism (or narrative non-fiction) and biography. Students will work to improve their technique and develop individual voices, but will also work in groups to discuss ways to improve their work. They will read works by published authors and will also learn how to submit their own work for publication.

*Prerequisite: ENA/ENC/ENG101***ENG275 The Great Writer***3 credits; 3 hours*

This course studies the work of a single major author. Students will examine the author in depth, exploring the writer's career, major works, literary influence and cultural context in order to understand his or her contribution to literary history. The author selected might be Chaucer, Milton, Austen, Dickens, Whitman, Dickinson, Wright, Faulkner, Hughes, Soyinka or Morrison.

*Prerequisite: ENA/ENC/ENG101***ENG276 Fiction Writing Workshop***3 credits; 3 hours*

This course focuses on the technical and stylistic elements of crafting fiction with the goal of creating fully revised, original short stories. The course utilizes draft sessions addressing the critical elements of fiction and the revision process. The course

readings will emphasize world writers of the short story, and the course may include field trips to hear published writers reading their work. The final portion of the course will address the preparation of short stories for professional submission.

*Prerequisite: ENA/ENC/ENG101, ENN198***ENG280 Children's Literature***3 credits; 3 hours*

This course is designed to familiarize students with various types of children's literature, including folklore, modern fantasy, picture books and realistic fiction. Students also learn how to evaluate the literary standards and pluralistic character of the literature and how to choose books to share with children from pre-school through elementary school. Through a study of works from such authors as Hans Christian Andersen, E.B. White, Virginia Hamilton, Pura Belpre, Laura Ingalls Wilder, Julius Lester, C.S. Lewis, Jamake Highwater, A.A. Milne and Maurice Sendak, among others, the basic themes of children's literature will be explored.

*Prerequisite: ENA/ENC/ENG101***ENG288 Writing and Literature Major Internship***3 credits; 18 hours (3 lecture, 15 lab)*

The purpose of the Writing and Literature Major Internship course is to provide majors with 6 or 12 week internships with an English Department faculty member in order to design and complete, or complete a significant portion of, a major scholarly, research, creative, or social project with the intent to publish, present, or otherwise make available to the public the results of the project.

*Prerequisite: ENG102, ESL099, MAT096***ENG289 Introduction to Literary Studies***3 credits; 3 hours*

In this course students read, discuss, and write analytic essays about important texts in literary critical theory. They also learn to apply critical methods to specific literary texts. Some theorists covered might include Aristotle, Longinus, Immanuel Kant, T.S. Eliot, Mikhail Bakhtin, Walter Benjamin, Jacques Lacan, Jacques Derrida, Michel Foucault, Elaine Showalter, Helene Cixous, Edward Said, Henry Louis Gates and Judith Butler.

*Prerequisite: ENG102***ENG290 British Literature I***3 credits; 3 hours*

This course covers the development of early British Literature from the Anglo-Saxon era to 1660. Authors include, among others, the Beowulf poet, Chaucer, Mary Sidney, Spenser, Shakespeare, Donne and Milton. In addition to exploring evolving literacy genres and styles, students will study key social, political and cultural influences on the works and their historical periods. They will also study and reflect on the emerging women voices of the age.

Prerequisite: ENG102

ENG291 British Literature II*3 credits; 3 hours*

This course covers major writers, genres and themes in British literature from 1660 to the present. This includes Restoration, Neoclassicism, Romanticism, Victorianism, Modernism and Post-modernism. Attention will be given to social, intellectual, cultural and political contexts in order to help the students understand the works. In addition to reading major authors from John Dryden to Zadie Smith, the course may examine ballads, slave narratives, journalism, diaries, pamphlets and other genres.

*Prerequisite: ENG102***ENG292 American Literature I***3 credits; 3 hours*

This course examines the development of an American literature from colonial/contact period to the emancipation of African Americans at the end of the United States Civil War. It surveys a broad range of writers, texts and themes that have shaped American identities. Fiction, poetry, essays and autobiographical prose by authors such as Douglass, Dickinson, Emerson, Franklin, Rowlands, Wheatley and Winthrop will be studied.

*Prerequisite: ENG102***ENG293 American Literature II***3 credits; 3 hours*

This course examines the development of literature written in the United States from the end of the Civil War to the present. The course covers major literary movements such as Realism, Naturalism, Modernism and Postmodernism, and highlights the diverse political, social and cultural contexts involved in shaping them. Genres such as fiction, poetry, essay, drama, and autobiography by authors such as Hemingway, Toomer, Miller, Morrison and Silko will be studied.

*Prerequisite: ENG102***ENG294 Classical Literature***3 credits; 3 hours*

This course surveys Greek and Roman classical literature from Homer to Marcus Aurelius. While the principal focus is historicized, much attention is given to the diversity of genres, the interplay of mythology and philosophy, the rich variety of characters and the seminal themes represented in these texts.

*Prerequisite: ENA/ENC/ENG101**Pre- or Corequisite: ENG102 or permission of the English Department***ENG295 World Literatures Written in English***3 credits; 3 hours*

This capstone course introduces students to postcolonial literatures of the Anglophone diaspora. Texts may include literary works from Africa, South and Southeast Asia, Australia, Canada, the Caribbean, Ireland and New Zealand. Students will examine world literatures in their historical and cultural contexts. In some semesters, the course may focus on one particular geographical region and/or ethnic group.

*Prerequisite: ENG102***ENN191 Art, Politics, and Protest***3 credits; 3 hours*

This course examines political and/or protest art as expressed in literature, song, drama, and other arts. Issues in New York that stirred or are stirring artistic responses will be given special emphasis. Activities will include visits to museums such as the Metropolitan Museum of Art or the Museum of Modern Art, to galleries in Greenwich Village or Soho, to Ellis Island, to Broadway and off-Broadway productions and to individual communities.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101**This is a Writing Intensive course.***ENN/SSN193 Ideal Societies***3 credits; 3 hours*

This course is designed to help students understand utopian movements in urban society from historical, psychological and sociological perspectives. This course will focus on both the causes for creating utopian experiments and the ways in which utopias approach family structure, religion, education, power and economic organization. Literary versions of utopian communities will be studied. Field trips may be taken to such places as Roosevelt Island and Shaker Village.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, and one Social Science elective from the list on page 193. This is a Writing Intensive course.***ENN195 Violence in American Art and Culture***3 credits; 3 hours*

This course surveys the depiction of various types of violence and the use of violence as a theme or metaphor in North American literature, art, and popular culture. Emphasis is placed on New York City as a laboratory and resource for researching considerations of violence in poetry, drama, fiction, film and other visual art forms as well as popular culture (e.g., lyrics, comic strips, advertising, horror and suspense stories).

*Prerequisite: ENA/ENG099, ESA099, ENA/ENC101**This is a Writing Intensive course.***ENN240 Literature of the City (formerly ENG240)***3 credits; 3 hours*

This course is designed to introduce students to the literature of the city. Students will explore important urban themes, social issues, and cultural developments in the short stories, essays, poems, autobiographies, plays, and novels of major city writers such as Charles Dickens, Walt Whitman, Thomas Mann, James Baldwin, Frank O'Hara, Grace Paley, Anna Deveare Smith, Chang-Rae Lee, John A. Williams, Hanif Kureishi and Oscar Hijuelos. Also popular art forms such as journalism, song lyrics and film may be examined. Students will read and discuss issues of contemporary urban literary magazines like New York Stories. There will be one or more field trips.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101**This is a Writing Intensive course.*

Health Sciences Department

Room E300 (718) 482-5774

Department Faculty

Philip Gimber, Chairperson, Eliana Apicella, Faith Armstrong, Tameka Battle, David Bimbi, Justin Brown, Clarence Chan, Marianne Cu, Patricia Dillon, Maureen Doyle, David Emig, Debra Engel, Natalya Fazylova, Ann Feibel, Nicolle Fernandes, Les Gallo-Silver, Unn Hidle, Luisa Hindle, Kumral Hudu, Rosann Ippolito, Margarita Israilova, Kathleen Karsten, Juline Koken, Regina Lehman, Karren Liebert, Theresa Licari, Jennifer Louis, Lorena Maldonado, Deborah McMillian-Coddington, Michele Mills, Ralph Mitchell, Kyaw Naing, Margaret Norris, Rosely Octaviano, Lisa O'Donnell, Irene Ofiaza, Jenny Palios, Sherrell Powell, Roxanne Reid, Suzanne Rosenberg, Herbert Samuels, Tara Scales, Arlene Spinner, May Tom, Meghan Williams, Marina Yuabova

First Year Seminar

HSF090 First Year Seminar for Health Sciences

0 credits; 1 hour

This First Year Seminar is required of all new students majoring in a program within the Health Sciences Department. This course addresses issues related to contemporary college life and provides students with the skills to transition to campus culture, develop a clear understanding of the learning process, and acquire the skills and dispositions essential to the study and practice of the health sciences in a professional capacity.

Food and Nutrition

SCD100 Foods

3 credits; 5 hours (2 lecture, 1 recitation, 2 lab)

This course will investigate the didactic and experiential components of the scientific study of foods. Upon completion of the course, the student will have acquired a basic understanding of the scientific principles governing foods and the use of commercial food service equipment. Emphasis will be placed on the identification of qualitative aspects of foods and elementary food preparation techniques.

Prerequisite: ENA/ENC/ENG101, MAT096

Co-requisite for DT only: SCD000, SCD206

SCD107 Careers in Food and Nutrition

1 credit; 1 hour

This course introduces students to the available careers in the food and nutrition industry. Topics include the role and function of the food and nutrition professional, professional ethics and conduct, professional organizations, and the skills necessary to complete fieldwork/ internship. Students will explore personal and career goals as they develop a professional ePortfolio.

Prerequisite: ENA/ENC/ENG101, MAT096, SCD100

SCD200 Introductory Nutrition

3 credits; 3 hours

This course integrates nutrition science with the physical and life sciences: chemistry, biology, anatomy, and physiology. Evidenced based research directs the study of digestion, absorption and metabolism of nutrients; the physical and chemical properties of nutrients; their metabolic functions; and food sources. Socio-economic and behavioral factors that influence food selection and accessibility are addressed.

Prerequisite: MAT096

Pre-corequisite: ENC/G101

SCD201 Clinical Nutrition A

3 credits; 5 hours (2 lecture, 3 lab)

This course is a study of the relationship between diet and disease. Students learn methods of nutritional assessment, obtaining nutrition histories and calculating and planning prescribed diets. Students will explore the relationship of diet to various disease conditions such as diabetes, weight control, cardiovascular disease, hypertension and allergies.

Prerequisite: SCB204, SCD200, SCD206

SCD202 Clinical Nutrition B

3 credits; 5 hours (2 lecture, 3 lab)

This course is a continuation of the study of the relationship between diet and disease begun in Clinical Nutrition A. Emphasis will be placed on the dietary implications of gastrointestinal diseases, diseases of the liver, pancreas, gallbladder, kidney, surgery and cancer. Students will learn methods of calculating enteral and parenteral diets.

Prerequisite: SCD201

SCD203 Life Cycle Nutrition

3 credits; 4 hours

This course is the study of the nutrient needs of individuals throughout the life cycle. Emphasis will be placed on nutrition and food related behaviors, and the assessment of the physiological, socioeconomic and cultural factors affecting nutritional status. Nutrition and food related services of the government and non-profit agencies will be discussed.

Prerequisite: SCD200

Co-requisites for DT only: SCD222, SCD253

SCD205 Introduction to Culinary Arts

2 credits; 5 hours (2 lecture, 3 lab)

This course introduces the student to advanced culinary techniques with an emphasis on food presentation and garniture. Topics include knife skills, recipe development, menu planning and cost control. Professional cooking techniques are utilized and students are introduced to the organization of the classical kitchen.

Prerequisite: SCD100, SCD251

SCD206 Applied Dietetics

3 credits; 5 hours (2 lecture, 3 lab)

This course introduces students to the concepts, techniques, and skills needed to assess a client's nutritional needs, and to

promote wellness through nutritional planning, counseling and education. Topics to be included are communication skills, education principles, interviewing and counseling techniques, and behavior modification, as well as the development, implementation, and documentation of a client nutrition care plan.

Prerequisite: SCD000, SCD200

SCD100 is a corequisite for Dietetic Technician majors only

SCD221 Dietetic Field Experience II

2 credits; 1 seminar hour, 16 fieldwork hours

This fieldwork course is an application of the principles learned in Clinical Nutrition A. With supervision, students review medical records, interview patients to obtain nutrition histories and develop and document nutrition care plans. Students calculate and plan diets for weight control, diabetes and cardiovascular diseases. Attendance at a weekly seminar is required. Students must provide proper uniform, liability insurance, and evidence of physical examination.

Prerequisite: SCD201, SCD260

Corequisite: SCD202

SCD222 Dietetic Field Experience III

2 credits; 1 seminar hour, 16 fieldwork hours

This fieldwork course provides for the application of the principles learned in courses throughout the dietetic technician curriculum. The student will refine skills acquired from previous academic and fieldwork experiences. The student will choose placement at a foodservice management, clinical nutrition or community site. Attendance at a weekly seminar, designed to prepare the student for entrance into the job market, is required. Students must provide evidence of liability insurance and physical examination prior to beginning this course.

Prerequisite: SCD221

SCD250 Production Management

3 credits; 5 hours (2 lecture, 3 lab)

This course covers the basic principles involved in the planning preparation and service of large quantities of food in foodservice facilities. Topics include food selection variables, menu planning techniques, forecasting procedures, "front and back of the house" management, recipe standardization, conversion and costing. Term projects are required.

Prerequisite: SCD100, SCD251

Corequisite: SCD201, SCD260

Prerequisite for Travel and Tourism: SCD100

SCD251 Principles of Sanitation

2 credits; 2 hours

This course addresses the sanitation and safety principles that guide the flow of food through a foodservice operation. Topics covered include the proper handling of food from procurement to service, facilities layout and design, cleaning and sanitizing procedures and integrated pest management. Students are required to pass the National Certification ServSafe exam to pass the course.

Prerequisite: SCD100

Prerequisite for DT students only SCD206

SCD252 Quantity Food Purchasing

3 credits; 3 hours

This course covers the technical aspects and procedures involved in forecasting and institutional procurements for foodservice systems. Topics include market analysis, buying ethics, legal aspects and effective control of food costs. The development and implementation of accurate and precise food commodity specifications, purchasing strategies, portion control methods, inventory controls and receiving procedures are introduced. Food cost accounting topics and relevant calculations are presented. Term projects are required.

Prerequisite: MAT096, SCD250

SCD253 Foodservice Administration

3 credits; 4 hours (3 hours lecture, 1 hour lab)

This course deals with the organization and administration of foodservice systems in institutions. Topics include the functions of management, personnel procedures, and management, marketing and promotional activities and human relations techniques for employees and clients. Also, administrative leadership topics are presented such as legal, organizational and cost control aspects of management. Term projects and case studies are required.

Prerequisite: SCD250

Co-requisite for DT majors only: SCD270

SCD254 Dining Management

1 credit; 2 (1 lecture, 1 lab)

This course presents a study of dining room and banquet service within a foodservice operation. Topics include the importance of good service, types and styles of service, dining room organization and table settings, staffing requirements and duties, point of sale transactions, and guest reservations.

Prerequisite: ENA/ENC/G101

Pre-corequisite: SCD250

SCD260 Dietetic Field Experience I

1 credit; 8 fieldwork hours per week

This course is an application of theories learned in Quantity Food Production. The practical implementation of the principles involved in the preparation and service of large quantities of food in health care facilities will be studied. The student will actually be involved in the supervised preparation of large quantities of food in the various units of a foodservice system in a health care institution. Proper uniform, liability insurance, physical examination, seminars and reports are required.

Prerequisite: MAT096, SCD100;

Corequisite: SCD250

SCD266 Foodservice Management Internship

3 credits; 31 hours (1 lecture, 30 lab)

This internship provides students with the opportunity to apply and integrate the principles learned throughout the foodservice management curriculum. Students will participate in the daily operation of a foodservice establishment with an emphasis on managerial and supervisory responsibilities. Students are required to attend a weekly seminar.

Pre-corequisite: SCD253; *Permission of the Program Director or Clinical Coordinator is required to register.*

SCD270 Dietetic Seminar*1 credit; 1 hour*

This course provides students with professional preparedness for a career in food and nutrition. Topics include health care policy, professional ethics, life long learning, professional credentialing and the dietetic technician registration exam.

Co-requisite: SCD253 for Dietetic Technician majors only

SCN240 Food and Culture*3 credits; 3 hours*

This course explores the foodways of population groups in the United States as an expression of identity and transmission of culture. The geographic, economic, religious and political factors that influence the development of regional food patterns in the United States are examined. The implications and impact of food production, preparation procedures, dining customs and their effect on American society, both past and present will be examined.

Prerequisites: MAT096

Pre or Co-requisite: ENA/ENC/ENG101

This is a Writing Intensive course

SCH160 Health and Wellness*3 credits; 3 hours*

Personal health behavior is examined in the areas of cardiovascular health, stress, sex and sexuality, substance abuse, nutrition, and physical activity. Chronic and communicable diseases will also be examined. Students will analyze the role of health risk behaviors in the development of disease, injury and chronic illness.

Prerequisites: CSE099, MAT095

Pre-corequisite: ENC/G101

SCH210 Human Sexuality*3 credits; 3 hours*

This course will provide students with an insight into historical, societal, and cultural influences on sexuality and individual behavior. The physical (sexual-reproductive anatomy/development, behavior), psychosocial (gender, sexual orientation, attitudes), and emotional (attraction, functioning) aspects of human sexuality are reviewed as well as ethical and legal issues. The positive functional aspects of sexuality are emphasized rather than the dysfunction.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

Health**SCH111 Aging and Health***3 credits; 3 hours*

This course will discuss the aging process and the effect of biological changes on the mental processes and functioning of the individual. The relationship between aging and chronic disease will be reviewed with special consideration given to prevention of the effects of physical and mental deterioration. Role playing, exercises and group discussions will be used to increase the knowledge of the aging process and consider the relationship between the emotional, social and physical forces of aging.

Prerequisite: CSE099, MAT095, ENA/ENC/ENG101, SCT101 for PT Assistant majors only

SCH150 Drugs and Behavior*3 credits; 3 hours*

This course provides an overview of legal and illegal substances and their effects on society as well as individuals. Drug regulation and criminalization are examined in their historical contexts as well as the roles that psycho-active substances have played in various cultures throughout human history. A variety of methods are used to explore such issues as the psychosocial aspects of drug taking; the dynamics of dependence; pharmacology; medical and non-medical use of drugs; preventive measures and treatment.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

Human Services**HSC101 Orientation to Human Services***3 credits; 3 hours*

This course is designed to provide students with a broad view of human services through a combination of field visits to community agencies and classroom presentations. Topics include an overview of human services as a profession; examination of similarities and differences in program functions and service delivery styles; identification of issues and concerns of workers and consumers.

Prerequisite: CSE099, ENA/ENG/ESA099/ENC101

HSC102 Principles of Human Relations*3 credits; 3 hours*

Students will be given the opportunity to learn fundamental concepts and skills needed for relating to, and working with, people from different cultural and ethnic backgrounds. The course work will focus on the principles of human relationships through discussions, exercises, and role-playing activities. Topics to be covered within a multicultural framework will include self-understanding, the helping relationship, using communication tools, and the professional self.

Prerequisite: CSE099, ENA/ENG/ESA099/ENC101

HSC130 Activities for Human Services Settings*3 credits; 3 hours*

This course will enable the student to understand the reasons for and uses of activity in human services settings. Topics covered will include theoretical frameworks underlying

different approaches, an introduction to the range of activities, a consideration of the processes involved in using activities with clients, and the use of activities in relation to clients with different cultural heritages. Students will participate in selected activities and will develop a resource portfolio.

Prerequisite: MAT095, HSC102, SSY101

Corequisite: A Cooperative Education internship in a related setting.

HSC135 Human Services Roles and Systems

3 credits; 3 hours

The students in this course will explore the concepts related to worker, supervisor and client roles in human services settings. Guidelines for specific roles will be identified. The dynamics of bureaucratic organizations will be discussed in relation to students' experiences as interns. Understanding of elementary systems theory will be reinforced, and alternative types of service delivery systems will be compared with the agencies known by the students.

Prerequisite: HSC101, HSC102, SSS100 or SSB110

Corequisite: A Cooperative Education internship in a related setting.

HSC160 Conflict Resolution

3 credits; 3 hours

Students in this course will explore the nature of conflicts in a multicultural, pluralistic society, the difficulties that arise in resolving them, and alternative methods for settling them in a peaceful way (negotiations, mediation, arbitration, adjudication). Special emphasis will be placed on mediation as an extension of the negotiation process in the resolution of interpersonal, community and workplace disputes.

Prerequisite: ENA/ENC/ENG101, HUC101, SSS100 or SSE103 or SSE104 or SSY101

HSC203 Human Services Internship and Seminar 1

2 credits; 1 seminar hour; 15 on-site internship hours

This combined internship and seminar introduces students to Human Services organizations where they relate to clients in multicultural settings under professional supervision. Students will learn to interrelate theory and practice through the linking of assignments in field and classroom. They will also meet regularly in seminars to explore, demonstrate and evaluate specified knowledge, skills and values related to the field.

Prerequisite: HSC101, HSC102, HSS014, SSS100

GPA of 2.0 or better

Corequisite: HSC130 or HSG150 or HSM120

HSE105 Understanding and Working with Children with Disabilities

3 credits; 3 hours

This course is designed to link an understanding of the normal growth and development of children with an understanding of the special developmental problems of children with disabilities. Students will learn to identify the cognitive, affective, physical and social ways in which disabled children vary from other

children. They will develop competence in evaluating and selecting culturally diverse activities and materials that are appropriate for use with children with a range of disabilities.

Prerequisite: SSY240

HSG150 Introduction to Gerontological Services

3 credits; 3 hours

This course introduces students to the theories underlying practice in the area of gerontological services in New York City's culturally diverse environment. Substantive areas covered include an overview of the social forces, policy issues and institutions impacting on older adults, major legislation affecting older adults, service delivery programs for a culturally diverse aging population, employment opportunities and career advancement in aging services. Field visits to a variety of service programs required.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HSM120 Survey of Psychological Treatment Approaches

3 credits; 3 hours

In this course, students will be introduced to those treatment approaches most frequently used in mental health treatment settings in the United States. These will include psychoanalytic, Rogerian, behavioral and other common treatment systems. Western concepts will be compared with approaches from other cultures. The development, theoretical framework, guidelines and uses of each approach will be considered. The class will review case studies demonstrating each approach.

Prerequisite: HSC102, SSY101, internship in a human services setting or permission of the instructor

HSM125 AIDS-Related Case Management

3 credits; 3 hours

This course will enable students to learn about case management with clients who are HIV-positive or who have AIDS. Topics include the biopsychosocial aspects of HIV/AIDS, the role of worker in HIV prevention and testing, and providing services and functioning as a case manager or technician. The AIDS service delivery system, management of occupational risk, and self and group support for the worker are also discussed. An AIDS-specific internship is a corequisite.

Prerequisite: MAT096, HSC101, HSC102, HSC135, SSS100, SSB110, SCN194;

Corequisite: AIDS-specific internship approved by program director and Cooperative Education coordinator

HSM140 Principles of Child Welfare Services

3 credits; 3 hours

Students in this course will survey the history, laws, theoretical concepts, operating models and significant theorists related to child welfare services. A field visit to a child welfare agency will be required.

Prerequisite: ENA/ENC/ENG101, HSC101, SSY101

HSM204 Human Services Internship and Seminar 2

2 credits; 1 seminar hour; 15 on-site internship hours

This combined internship and seminar is a continuation of the learning process begun in HSC203. Students will work

with clients in Human Services settings under professional supervision. They will also meet regularly in seminars to explore, demonstrate and evaluate specified knowledge, skills and values related to the field.

Prerequisite: HSC203, GPA of 2.0 or better

Corequisite: HSC130 or HSC135 or HSG150 or HSM120

HSN103 Community Dynamics: Impact on Human Services

3 credits; 3 hours

Students will examine New York City's multicultural urban community as an action system in the delivery of human services. Topics to be included are: the community decision-making process, community planning, the development of human services and community change techniques. Field visits will be made to community decision-making groups.

Prerequisite: HSC101, SSS100 or SSB110

This is a Writing Intensive course.

HSN110 Perspectives on Homelessness

3 credits; 3 hours

Students in this course will study homelessness as a social problem. Topics will include factors contributing to the rise and persistence of homelessness, the meaning of homelessness to homeless people and to the general public and the emerging role of the human services system. Responses of people from different cultures to the scarcity of affordable housing will be explored. The course will explore the national scope of homelessness, but will focus primarily on the problem in New York City. Field trips will be made to program sites.

Prerequisite: MAT095, SSS100 or SSB110 or SSE103 or SSE104 or SSY101; *Pre- or Corequisite:* ENA/ENC/ENG101

This is a Writing Intensive course.

HSS014 Co-op Prep-Human Services

0 credits; 1 hour

This course enables students to prepare for the internships that are required of all Human Services students, regardless of status. The course introduces students to the requirements and processes of the internship program. Students are assisted in recognizing their skills, writing learning objectives for their internships, preparing a resume, preparing for employment interviews and learning about Human Services careers.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HSS101 Introduction to Human Services

3 credits; 3 hours

This course provides students with a broad view of human services. A historical perspective of how human services developed in the US and internationally; the involvement of faith based groups; development of secular services; and crisis intervention services in response to natural disasters, war and poverty and hunger will be addressed.

Prerequisite: ENA/ENC/ENG101

Pre-or Corequisite: MAT096

HSS102 Principles of Human Services

3 credits; 3 hours

This course introduces the foundations of applied social welfare policy analysis and intervention. The development of social welfare policy and programs in the United States will be examined within historical context utilizing multiple analytical frameworks (e.g.; ideologies, theories, values, belief systems). The impact of social welfare policy on poverty, health care, child welfare, and changing population demographics will be reviewed for effectiveness.

Pre-or Corequisite: HSS101

HSS104 Human Services Practice

2 credits; 2 hours

This course focuses on the policies and procedures of human services practice. The legal and ethical responsibilities of the human services professional are addressed and explored.

Prerequisite: SSS100

HSS106 Human Services in Communities

3 credits; 3 hours

The students in this course will explore systems theory as it relates to public, non/not for profit and grassroots social service organizations, and the impact on access and delivery of social services to client groups and communities in need. The community decision-making process, community planning and community change techniques are explored. Attendance at community board meetings are required.

Prerequisite: HSS101, HSS102. *Both prerequisites must have been passes with a grade of C or higher.*

HSS204 Human Services Fieldwork and Seminar

2 credits; 3 hours

This course introduces students to the duties and responsibilities of a human services worker within a human services setting under the onsite supervision of the setting's Director of Volunteer Services and the seminar instructor. Students will connect theory to practice through directed assignments within the classroom. Weekly seminars and fourteen hours a week at fieldwork setting are required.

Pre- or Corequisite: HSS104

Corequisite: HSS106

Pre- or Corequisite for Gerontology: HSS214

Pre- or Corequisite for Mental Health: HSS216

HSS207 Human Services and Child/Adult Maltreatment

3 credits; 3 hours

This course enables students to identify, assess and report suspicions of child/adult maltreatment and develop protection strategies for those at risk. The history, laws, significant theories of intervention related to child/adult protective services, court, foster care, shelters, residential treatment and nursing homes are explored. Multi-cultural applications of significant theories are demonstrated using role play techniques.

Prerequisite: HSS101, HSS102. *Both prerequisites must have been passed with a grade of C or higher.*

HSS208 Human Services and Disabilities*3 credits; 3 hours*

Students will be introduced to the Human Services role with people with disabilities focusing on emotional growth, independence and a sense of mastery. Cognitive, developmental, mobility and other physical disabilities in addition to various rehabilitative counseling approaches will be explored using role play techniques.

Prerequisite: HSS101, HSS102. Both prerequisites must have been passed with a grade of C or higher.

HSS212 Human Services and Children*3 credits; 3 hours*

This course teaches students the various methods of providing human services to children and adolescents in a variety of environments using play, parent/family meetings, and school/home visiting. Understanding the use of age appropriate language, helping children in crisis and parent education are demonstrated using role play techniques.

Prerequisite: HSC/HSS101, HSC/HSS102

Pre- or Corequisite: HSS207, SCN195

HSS214 Social Gerontology*3 credits; 3 hours*

This course examines older adults as a diverse population group within American society through interdisciplinary perspective social gerontology (e.g., anthropology, biology, health, political science, psychology and sociology. Older adults as a socio-political group in the United States and the individual, familial, cultural and social aspects of aging and the aging process will be explored through the required readings and written assignments.

Prerequisite: HSS101, HSS102. Both prerequisites must have been passed with a grade of C or higher.

HSS216 Interviewing and Counseling*3 credits; 4 hours (2 classroom, 2 lab)*

This course will provide students with an in-depth look at approaches to individual counseling with an emphasis on practical knowledge and techniques for effective counseling practice in a multicultural society. Laboratory activities will focus on practice techniques of Motivational Interviewing.

Prerequisite: SCN195, SSY101. Both prerequisites must have been passed with a grade of C or higher.

HSS 218 Human Services and Therapeutic Activities*3 credits; 4 hours (2 classroom, 2 lab)*

This course will provide students with an in-depth look at multicultural group counseling with an emphasis on practical knowledge and techniques for effective group leadership. Students will explore theories of group dynamics and learn and practice skills for leading groups in a wide range of settings such as social work, mental health, substance abuse, and others. Lab activities focus on building skills for leading groups using Motivational Interviewing.

Prerequisite: HSS216, SSS100. Both prerequisites must have been passed with a grade of C or higher

HSS290 Health and Human Services Seminar and Internship*3 credits: 8 hours (1 classroom, 7 field hours per week)*

Through an experiential fieldwork and seminar, this course introduces students to the duties and responsibilities of professionals working within a health and human services setting. Students will be required to complete 90 hours of fieldwork and attend two supervision meetings during the semester. Seminar will focus on development of essential professional skills and ethical practices (e.g., communication, cultural competency), through classroom discussion and written activities in ePortfolio.

Prerequisite: HSS216, SCN195

HSS295 Community Organizing and Development*3 credits; 3 hours*

This course introduces community organization theory and practice in human services. The history and development of community organizing for social and human services are emphasized. Planning techniques of organizations in the profit, not-for-profit and governmental sectors and the processes affecting change in human service organizations are reviewed. This capstone course includes a studio hour focused on the development of an ePortfolio based on a community project.

Prerequisite: ENG102, HSS101, HSS102, HSS214, SSP101

Nursing

SCL101 Fundamentals of Practical Nursing*5 credits; 9 hours lab*

This course will assist students in gaining knowledge of essential nursing and procedures. The students develop skills in collecting data, diagnosis recognition, assisting the planning and implementation of the care plan, performing procedures, handling equipment, and documenting client outcomes. Clinical experiences stress the development of fundamental nursing skills. Uniform, liability insurance, physical examinations and CPR (BCLS) are required.

Prerequisite: ENA/ENC/ENG101, MAT106, SCB204, SSY101

Pre- or Corequisite: SSY240, SCL102, SCL103

SCL102 The Science & Art of Nursing I: Introduction to Practical Nursing*3 credits; 5 hours (2 lecture, 3 lab)*

A revision of the course to a hybrid format will enable greater flexibility in course scheduling, increased technical skills and would allow for students to be given the option for flexibility in classroom time, setting, and to offer an innovative health care education that is reflective with the use of technology.

Prerequisite: ENA/ENC/ENG101, MAT106, SCB204, SCL101, SCL103, SSY240

SCL103 Concepts in Pharmacology and Nutrition*3 credits; 5 hours (2 lecture, 3 lab)*

This course will introduce principles of pharmacology and nutrition. The focus will be on the study of pharmacological classifications, actions, therapeutic uses, and side effects of medications. Methods of nutrition delivery and drug and diet interactions will be addressed. Emphasis will be placed on the nursing process as it relates to the nurse's responsibilities in the provision of nutritional therapeutics and the administration of medications to clients across the lifespan.

*Prerequisite: ENA/ENC/ENG101, MAT106, SCB204, SSY101**Corequisite: SCL101, SCL102***SCL105 Mental Health Nursing-PN***3 credits; 14 hours (4 lecture, 10 lab)*

This course introduces the student to the mental health needs of individuals and families across the life span within a cultural context. The focus is on communication skills, mental health disorders and various treatment modalities. The changing professional, legal, and ethical issues of practical nursing in the mental health setting are also explored. The students will be given the opportunity to develop increased personal insights about their own view of self and the world.

*Prerequisite: SCL101, SCL102, SCL103, SCL114**Corequisite: SCL119***SCL114 Parent-Child Nursing-PN***6 credits; 26 hours (8 lecture, 20 lab)*

This course emphasizes the scope of practice of the practical nurse providing care to pregnant clients and families during antipartum, intrapartum and postpartum period. Utilizing a lifecycle approach, students assess and care for neonates and pediatric hospitalized clients and families in a holistic manner. Physical, psychosocial, growth and development and cultural aspects are central components of care. Clinical experiences will be provided to enable the student to transfer theory into practice.

*Prerequisite: SCL101, SCL102, SCL103, SSY240***SCL118 Science and Art of Nursing II - Transition Student to PN***2 credits; 4 hours (offered only in the 6-week session)*

This course is designed to help students clarify responsibilities and roles as new graduates. Students will be guided and supervised to identify performance standards and behaviors necessary to function safely and effectively as graduate practical nurses. Students will be assisted to develop critical thinking strategies required for success on the NCLEX-PN examination.

*Prerequisite: SCL114; Corequisite: SCL105, SCL119***SCL119 Medical-Surgical Nursing-PN***7 credits; 20 hours (4 lecture, 16 lab)*

This course discusses common health problems and health alterations. The focus is on adult clients across the lifespan with an emphasis on the older adult with acute and chronic illnesses in a variety of health care settings. Nursing care within culturally sensitive environments will be emphasized. Students move

through the course developing more advanced nursing care skills relating to medical-surgical conditions. Clinical experiences will take place in rehabilitation units and medical-surgical units.

*Prerequisite: SCL114; Corequisite: SCL118***SCR100 LPN to RN Bridge Course***3 credits; 6 hours (2 classroom, 4 lab)*

This course provides a "bridge" for LPNs pursuing their RN licensure. Course content will include medical surgical and psychiatric nursing concepts. The nursing process and informed decision making are emphasized. Students will develop appropriate plans of care and emphasis will be placed on formulating expected outcomes.

*Prerequisite: SCB204, SCB260, SCC210, SSY240***SCR110 Fundamentals of Nursing***6 credits; 12 hours (3 lecture, 3 lab, 6 clinical)*

This course is an introduction to the five interrelated roles of the associate degree nurse, with emphasis on the role of provider of care. Students focus on the assessment and analysis phases of the nursing process to formulate nursing diagnoses. Campus laboratory experiences stress the development of fundamental nursing skills. Clinical experiences in health facilities involve care of clients with health problems. A uniform, liability insurance, and physical examination are required.

*Prerequisite: CSE099, ENC/G101, ESL099, MAT096, SCB204, SCC210, SSY101**Pre-corequisite: MAT120**Corequisite: SCR150***SCR150 Perspectives of Nursing***1 credit; 1 hour*

This course focuses on historical influences on nursing. The evolution of the nursing profession within the health care delivery system will be explored. Emphasis will be placed on past nursing leaders and various types of nursing education.

*Prerequisite: ENC/G101, SCB204, SCC210, SSY101**Corequisite: MAT120, SCR110***SCR200 Psychiatric Mental Health Nursing***3 credits; 7 hours (1 lecture, 3 lab, 3 clinical)*

This course focuses on the psychosocial needs of clients throughout the life cycle. The assessment of clients' physical and behavioral responses to stress will be explored as well as the determination of goals for intervention. Focusing on the use of self as a therapeutic agent, students will learn techniques of intervention to promote and maintain clients' mental health, as well as assist clients who are mentally ill. Experiences will be provided in psychiatric/mental health settings.

*Prerequisites: MAT120, SCB204, SCR110, SCR150, SSY240**Pre-corequisite: SCB260**Corequisite: SCR210***SCR210 Medical Surgical Nursing I***5 credits; 9 hours (3 lecture, 3 lab, 3 clinical)*

This course will focus on nursing care of adults with major health problems. Utilizing the nursing process, students will

develop appropriate plans of care for clients. Emphasis will be placed on formulating goals for interventions. Heavy emphasis is placed on pharmacology.

Prerequisite: MAT120, SCB204, SCR110, SCR150, SSY240

Pre-Corequisite: SCB260

Corequisite: SCR200

SCR260 Trends in Nursing

1 credit; 1 hour (1 lecture; 1 small ePortfolio lab)

The course provides students with the opportunity to critically examine contemporary issues and trends and their impact on the nursing profession. Legal, ethical, cultural, social and leadership concepts will be examined. The role of the associate degree nurse and the transition from student status to member of the profession will be explored. This course, as the capstone course of the Registered Nursing Program, contains an ePortfolio technological component.

Prerequisite: ENG102, SCR150

SCR270 Parent-Child Health Nursing

8 credits; 14 hours (5 lecture, 3 lab, 6 clinical)

This course focuses on the promotion of health and caring for childbearing families, their newborns, and children with major health problems from infancy to adolescence. Emphasis is placed on the implementation of nursing care plans. Experiential learning offers opportunities to provide care during the antepartal, intrapartal, and postpartal periods of the maternity cycle, as well as in the newborn and pediatric settings.

Prerequisite: SCR200, SCR210, SCB260

Pre- or Corequisite: ENG102

SCR290 Medical Surgical Nursing II

9 credits; 19 hours (4 lecture, 3 lab, 12 clinical)

This course focuses on the care of adult clients whose ability to meet one or more health needs is severely compromised. Emphasis will be placed on the evaluation phase of the nursing process. Selected experiences will be provided in specialized acute care settings.

Prerequisite: SCR260, SCR270

Occupational Therapy

SCO101 Introduction to Occupational Therapy

3 credits; 7 hours (1 lecture, 6 lab)

This course provides an overview of occupational therapy, its scope of practice and basic principles, and introduces some of the roles of the occupational therapy assistant. Course activities include analysis and instruction of games and small crafts, development of communication skills, practice of body mechanics and ergonomics and field visits. The effects of environmental and cultural differences in shaping activity behaviors and preferences are emphasized.

Prerequisite: ENA/ENC/ENG101, SCB203, SCN195, SSY101, OTA000

Corequisite: SCO110

SCO110 Legal and Ethical Issues in Occupational Therapy

2 credits; 2 hours

This course addresses current legal and ethical considerations for the occupational therapy assistant. Topics range from history and philosophical base of occupational therapy to licensure and certification. Reimbursement issues, the occupational therapy code of ethics, ethical dispute resolution in professional settings, interdisciplinary roles with other professionals and advocacy for the profession and the consumer will be covered.

Prerequisite: OTA000

Corequisite: SCO101

SCO114 Documentation for Occupational Therapy

2 credits; 2 hours

This course provides students with background and skills to document occupational therapy services in a professional and accurate manner. The course will review ethical, legal, reimbursement and language issues, and will focus on skill development for note writing. Topics include: evaluation reports, goal writing, intervention plans, SOAP (subjective, objective, assessment plan) and DAP (data, assessment, plan) notes, discontinuation plans, educational plans and administrative reports.

Prerequisite: SCO110

Pre- or Corequisite: ENG102, SCO204, SCO214, SCO284

SCO175 Clinical Reasoning in Occupational Therapy

2 credits; 2 hours

Clinical reasoning is the process by which a therapist or therapy assistant analyzes the functional status of a patient/client/consumer, identifies problems and goals, and determines plans of action, as appropriate to each practitioner's level of responsibility. Aspects of clinical reasoning and evidence-based practice are explored through readings and experiential assignments. Types of reasoning explored include: narrative, scientific, procedural, interactive, conditional and pragmatic.

Prerequisite: SCO101, SCO110, SCO114, SCO204, ENG102

Pre- or Corequisite: SCO205, SCO215, SCO285

SCO200 Physical Aspects of Human Growth and Development

2 credits; 2 hours

This course presents an overview of human biological development as it affects functional performance from birth to pubescence. Specific topics include development of the sensory and motor systems, sensory integration, reflex integration, differentiation of joint motion, and the role of the endocrine system. The importance of the human and non-human environment in facilitating and supporting optimal development is emphasized.

Prerequisite: SCB204, SCO101, SSY101, SCN195

Pre- or Corequisite: SCO230

SCO204 OT Process: Psychosocial and Geriatric Conditions

4 credits; 4 hours

This course presents occupational therapy theory and process skills for interventions with clients and consumers with psychosocial dysfunction and/or disorders associated with

aging. Topics include: data collection, treatment planning and implementation, reassessment and termination, family involvement, the use of groups, and social policy issues. A client- centered approach is emphasized, with special attention to personal history and preferences, culture, and environment.

Prerequisite: SCO101, SCO110, SCB204, SSY230

Pre- or Corequisite: SCO214;

Corequisite: SCO114, SCO284

SCO205 OT Process: Physical and Developmental Disabilities

4 credits; 4 hours

This presents occupational therapy theory base and process skills for evaluation and treatment of patients with physical and/or developmental disabilities. Topics include: data collection, problem solving, treatment planning and implementation, reassessment, family involvement, legal, ethical and regulatory issues. Identification of intervention for functional performance deficits is the primary emphasis.

Prerequisite: SCO101, SCO110, ENA/ENC/ENG101

Pre- or Corequisite: SCO175, SCO215, SCO285

SCO214 OT Skills and Functional Activities I

3 credits; 6 hours (2 lecture, 4 lab)

This course provides a foundation for performing, analyzing and instructing functional activities used for persons with psychosocial dysfunction and/or disorders associated with aging. The student is exposed to the assessment, planning and intervention processes and the selection of activities. Program planning, group leadership and behaviors, cognitive skills interventions, program administration and management are included. Students learn woodworking hand tools and small power tools.

Prerequisite: SCB204, SSY230, SCO101, SCO110

Pre- or Corequisite: ENG102

SCO215 OT Skills and Functional Activities II

3 credits; 6 hours (2 lecture, 4 lab)

This course provides the student with experience in performing, analyzing, adapting and instructing activities used in the treatment of patients with physical and/or developmental disabilities. Activities are organized around the childhood roles of player and learner, and the adult roles of student, worker, homemaker, parent, recreator and self-maintainer. Topics including: splinting, toys and play activities, adaptation of equipment and environment, positioning transfers and treatment modalities.

Prerequisite: SCO101, SCO110, ENG102

Pre- or Corequisite: SCO175, SCO205, SCO285

SCO230 Functional Pathology

3 credits; 3 hours

This course is a systems approach to the study of pathophysiology. Emphasis will be on the normal and abnormal response to disease and injury, and effects on body systems. Consideration will be given to selected disorders, with a survey of etiology, pathology, symptomatology, management and prognosis related to therapeutic principles, applications, and interventions.

Knowledge of proper terminology and techniques of literature review will also be emphasized.

Prerequisite: SCB204

Corequisite: SCO101 for OTA. SCT101 for PTA.

SCO284 OT Clerkship for Psychosocial/Geriatric Conditions

1 1/2 credits; 5 hours (1 lecture, 4 fieldwork)

This is an introductory fieldwork experience in a supervised setting. The setting may be one which serves persons with psycho-social conditions or one which provides activity/recreation/leisure programming for the aged. The student spends a minimum of one half day per week or the equivalent at the fieldwork site. Attendance at a weekly seminar is required and provides opportunities for students to integrate classroom theory with fieldwork experiences.

Prerequisite: SCB204, SSY230

Pre- or Corequisite: SSY260

Corequisite: SCO204

SCO285 OT Clerkship for Physical/Development Disabilities

1 1/2 credits; 5 hours (1 lecture, 4 fieldwork)

Introductory fieldwork in a supervised setting. The setting may serve persons with physical disabilities or developmental disabilities. The student spends a minimum one half day per week or the equivalent at the fieldwork site. A weekly seminar provides opportunities to integrate classroom theory with fieldwork experiences.

Prerequisite: SCB204, SCO101, SCO200, SCO230

Corequisite: SCO205, SCO215

SCO294 OT Fieldwork in Psychosocial/Geriatric Conditions

2 credits; 38 hours (1 lecture, 37 fieldwork)

This is a full-time placement in a supervised clinical or community setting serving persons with psychosocial or behavioral or cognitive impairments. Attendance at a weekly seminar is required. A minimum of eight weeks or the equivalent of full-time hours must be completed to satisfy requirements of the American Occupational Therapy Association. Students are responsible for their travel costs for fieldwork.

Prerequisite: SCO204, SCO214, SCO284; *permission of Occupational Therapy Assistant Program Director is required to register.*

SCO295 OT Fieldwork: Physical/Development Disabilities

2 credits; 38 hours (1 lecture, 37 fieldwork)

This is a full-time placement in a supervised clinical or community setting serving persons with physical or developmental disabilities. Attendance at a weekly seminar is required. A minimum of eight weeks or the equivalent of full-time hours must be completed to satisfy requirements of the American Occupational Therapy Association. Students are responsible for their travel costs for fieldwork.

Prerequisite: SCO205, SCO215, SCO285; *permission of Occupational Therapy Assistant Program Director is required to register.*

Paramedic

SCE100 Emergency Medical Technician-Basic

6 credits; 10 hours (4 lecture, 6 lab)

This course provides an introduction into basic pre-hospital emergency care. Following the current National Standard Curriculum for the EMT-Basic, topics include Airway, Cardiac Arrest and CPR, Patient Assessment, Medical/Behavioral/Obstetrics/ Gynecology, Trauma, Infants/Children and Operations. Students are eligible for NYS certification upon successful completion of course. Students must satisfactorily perform all practical skills to successfully complete the course.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SCE110 Fundamentals of Paramedic I

6 credits, 18 hours

This course introduces the most recent NYS paramedic curriculum and reflects the National Paramedic Standards. Topics include Orientation, Clinical Rotation Overview, Roles and Responsibilities, Public Health, Basic Math Review, Medication Administration, Vascular Access, Medical-Legal and Ethical Issues in EMS, Well Being of the Paramedic, Pharmacology, Airway, Communication with Patients, and History Taking and Documentation. This class includes laboratory and clinical components.

Prerequisite: ENG102, HUP102, MAT115, SCB204, SCN194, SSY101 Corequisite: SCE111

SCE111 Fundamentals of Paramedic II

6 credits, 18 hours

This course introduces the most recent NYS paramedic curriculum and reflects the changes recommended in the National Paramedic Standards. Topics include Patient Assessment, Life Span Development, Critical Thinking and Clinical Decision Making, Techniques of Physical Exam, Assessment Based Management, Pediatrics, Respiratory Emergencies, Cardiovascular Emergencies, Electrophysiology, Pathophysiology and Management of Coronary Artery Disease (CAD) and Angina, and Sinus Based Electrocardiogram Rhythm Interpretation

Corequisite: SCE110

SCE203 Intermediate Paramedic I

5 credits, 16 hours

This course introduces the most recent NYS paramedic curriculum and reflects the changes recommended in the National Paramedic Standards. Topics include ECG Review, Junctional Rhythms, Heart Blocks, Ventricular Rhythms, Management of Symptomatic Bradycardia and Tachycardias, Troubleshooting Pacemakers, Pulmonary and Cardiac Assessment and Management Scenarios, Defibrillation, 12-Lead ECG, Advanced Cardiac Life Support, and Cardiac and Neurologic Emergencies.

Prerequisite: SCE111

SCE204 Intermediate Paramedic II

6 credits, 18 hours

This course introduces the most recent NYS paramedic curriculum and reflects the changes recommended in the National Para-

medic Standards. Topics include Diseases of the Eyes, Ears, Nose and Throat, Endocrine Emergencies, Immunologic Emergencies, Psychiatric Emergencies, Soft Tissue Trauma, Burns, Face and Neck Trauma, Head and Spine Trauma, Orthopedic Trauma, and Management and Resuscitation of the Critical Patient.

Prerequisite: SCE203

SCE205 Advanced Paramedic I

6 credits, 18 hours

This course introduces the most recent NYS paramedic curriculum and reflects the changes recommended in the National Paramedic Standards. Topics include Chest Trauma, Abdominal and Genitourinary Trauma, Environmental Trauma, Special Considerations in Trauma, Gynecology, Genitourinary and Renal Emergencies, Abdominal and Gastrointestinal Emergencies, Infectious Diseases, Toxicology, Obstetric Emergencies, and Neonatal Care.

Prerequisite: SCE204

SCE206 Advanced Paramedic II

5 hours, 16 hours

This course introduces the most recent NYS paramedic curriculum and reflects the changes recommended in the National Paramedic Standards. Topics include Pediatrics, Hematology, Patients with Special Challenges, Advanced Cardiac Life Support and Pediatric Advanced Life Support, Pharmacology, Geriatrics, Ambulance Operations, Vehicle Extrication and Special Rescue, Phases of Rescue Operations, Incident Management and Multiple-Casualty Incidents, NYS Exam Preparation, NYC Protocol Exam Preparation.

Prerequisite: SCE205

SCE230 Paramedic I

12 credits; 32 hours (8 lecture, 8 lab, 16 clinical)

Review of all basic level skills and an introduction to advanced skills of the paramedic. Topics include roles and responsibilities, stress management, communications and medical/legal/ethical issues. This course provides an introduction to clinical pre-hospital pharmacology, IV access and advanced airway management techniques. Lab work involves IV access techniques, endotracheal intubation, computing dosages, preparing medications for administration and practice in all administrative techniques. Skills are taught/practiced in the laboratory/hospital/field setting. Students must satisfactorily perform all practical skills to successfully complete the course.

Pre- or Corequisite: SCB204

SCE231 Paramedic II

3 credits; 7 hours (2 lecture, 1 lab, 4 clinical)

This course provides an introduction to patient assessment and the management of the trauma patient in the pre-hospital setting. The ability to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma patient will be emphasized. Skills relative to the practice of advanced pre-hospital care are taught/ practiced in the laboratory/hospital/field. Students must satisfactorily perform all practical skills to successfully complete the course.

Prerequisite: SCE230

SCE232 Paramedic III

12 credits; 32 hours (8 lecture, 8 lab, 16 clinical)

This course will provide the student with the information necessary to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the patient presenting with a wide range of medical complaints including respiratory, cardiovascular, neurological, environmental and obstetrical emergencies. Students must satisfactorily perform all practical skills to successfully complete the course.

Prerequisite: SCE231

SCE233 Paramedic IV

3 credits; 7 hours (2 lecture, 1 lab, 4 clinical)

At the completion of this course, the student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for neonatal, pediatric and geriatric patients, diverse patients and chronically ill patients. The student will also learn how to safely manage the scene of an emergency. Students must satisfactorily perform all practical skills to successfully complete the course.

Prerequisite: SCE232

Physical Therapy

SCT101 Introduction to Physical Therapy

2 credits; 2 hours

This course introduces the concepts and scope of physical therapy, its professional organization, and its relationship with other health professions. Subjects include: the role and function of health personnel, professional ethics and conduct, medico-legal aspects of physical therapy services, vital signs, medical terminology, communication skills and record keeping.

Prerequisite: ENA/ENC/ENG101, SCB203, SSY101, SCN195

SCT102 Ethical Concepts for Physical Therapist Assistants

2 credits; 2 hours

This course is designed to orient physical therapist assistant students to the ethical concepts inherent in the practice of physical therapy. Students will learn and apply the concepts of medical ethics and law to the practice of physical therapy. Liability insurance, the scope of practice as a physical therapist assistant, fraud and abuse, and patients' rights as they relate to the practice of physical therapy will be explored.

Pre- or Corequisite: SCT101

SCT203 Clinical Kinesiology

4 credits; 6 hours (2 lecture, 4 lab)

This course introduces students to the study of muscles as the basis for movement and exercise. Topics include: biomedical principles of movement, body mechanics, types of joints and movements, measurement of joint range of motion, muscle actions and innervations, assessment of strength through manual muscle testing and orthopedic and neurological conditions resulting in impaired movement in the pediatric,

adult and geriatric populations.

Prerequisite: SCT101

Pre- or Corequisite: SCB204

SCT211 Therapeutic Procedures I

4 credits; 6 hours (2 lecture, 4 lab)

This course will focus on the principles and use of heat, cold, water, light and traditional massage as they relate to physical therapy. Topics include: proper preparation of patients, treatment areas and equipment, application of hot and cold packs, paraffin, whirlpool, infrared, ultraviolet, basic massage, intermittent compression, sterile technique and wound debridement. Physical therapy techniques for the treatment of respiratory disorders are included.

Prerequisite: SCT101

Pre- or Corequisite: SCB204, SCT202

SCT212 Therapeutic Procedures II

3 credits; 4 hours (2 lecture, 2 lab)

The course is the second of two modality courses. Advanced physical therapy procedures and techniques will be explored as described by the American Physical Therapy Association Preferred Physical Therapist Practice Patterns with the focus on pain management, integumentary care, neuromotor intervention and musculoskeletal management. Topics include: application of electrical stimulation, phototherapy, (ultraviolet radiation and laser) and hydrotherapy theories.

Pre- or Corequisite: SCT221, SCT290

SCT220 Mobility Skills in Physical Therapy

3 credits; 4 hours (2 lecture, 2 lab)

Principles of massage and various techniques for specific clinical applications are introduced. Bed and mat mobility skills, including body mechanics, wheelchair prescription, training in wheelchair skills and transfer training skills will be introduced. Vital sign measurement will be introduced. Students will be introduced to architectural barriers as they affect the disabled.

Prerequisite: SCT101, SCT102

Pre- or Corequisite: SCT203, SCT211

SCT221 Functional Gait Training Skills

3 credits; 4 hours (2 lecture, 2 lab)

This course reviews the principles of mobility activities in their application to various physical disabilities. The students will be introduced to the basic concepts of the normal gait cycle and gait deviations. Gait training, including training with the use of assistive devices and instruction on level and elevated surfaces, will be addressed. Basic concepts of orthotic and prosthetic descriptions, residual limb care and wrapping will be introduced.

Prerequisite: SCT203, SCT220

Pre- or Corequisite: SCT212, SCT290

SCT230 Orthopedic Therapeutic Exercise

4 credits; 6 hours (3 lecture, 3 lab)

This course provides the rationale for clinical application of therapeutic exercise training as it relates to orthopedic pathologies. Students will become familiar with the theory and clinical concepts of exercise training as it relates to strength,

power and endurance. Students will perform evidence-based research to identify therapeutic protocols and apply appropriate exercise techniques.

Prerequisite: SCT212, SCT220, SCT221

Pre- or Corequisite: SCT231

SCT231 Neuromuscular Rehabilitation

4 credits; 6 hours (3 lecture, 3 lab)

This course provides the rationale for clinical application of therapeutic exercise as it relates to neuromuscular rehabilitation. Students will be introduced to and will apply various therapeutic protocols such as Brunnstrom, Bobath and Proprioceptive Neuromuscular Facilitation Techniques. Students will focus on the implementation of treatment plans developed by the physical therapist.

Prerequisite: SCT212, SCT221

Pre- or Corequisite: SCT230

SCT290 Physical Therapist Assistant Clinical Affiliation & Seminar I

2 credits; 1 seminar hour, 15-20 internship hours

This internship provides students with an experience-based learning opportunity to: explore or confirm career interests and plans; apply classroom learning to real work situations; and practice, and strengthen interpersonal or technical skills.

A minimum of 15-20 hours per week at the internship site is required during the Co-op cycle. A concurrent seminar provides a framework for analyzing and evaluating students' internship experiences. During Fall I and Spring I, students must take six additional credits to be certified as a full-time student.

Prerequisite: CEP100, MAT096

SCT291 Physical Therapist Assistant Clinical Affiliation & Seminar II

3 credits; 19 hours (1 lecture, 18 affiliation)

This course provides students with an opportunity to apply and integrate the theory and practice of physical therapist assistant skills in clinical settings under the supervision of a physical therapist. The biweekly seminar integrates the students' experiences with their classroom training. Students are required to provide their own uniform, liability insurance and proof of a physical examination.

Prerequisite: SCT212, SCT250, permission of PT Assistant Program Coordinator

SCT292 Physical Therapist Assistant Clinical Affiliation & Seminar III

3 credits; 19 hours (1 lecture, 18 affiliation)

This course provides students with the continued opportunity to apply and integrate the theory and practice of physical therapist assistant skills in clinical settings under the supervision of a physical therapist. The student is expected to assume increased responsibility for treatments and administrative tasks, and to improve his/her ability to manage time effectively. Students are required to attend scheduled seminars and provide their own uniform, liability insurance, and proof of a physical examination.

Prerequisite: SCT291, permission of PT Assistant Program Coordinator

Radiologic Technology

SCX101 Radiologic Technology I

3 credits; 3 hours

This course will provide students with an overview of the Radiology Profession, Patient Care, Medical Terminology and Medical Ethics. The concepts of ethics, medical asepsis, vital signs, and medical emergencies will be presented. The essentials of patient care to be covered including consideration for the physical and psychological needs of the patient and family and the practitioner's role in the health care system.

Prerequisite: ENC/G101, MAT115, SCB203, SSN187

Corequisite: SCB204, SCX105, SCX109, SCX110

SCX102 Radiologic Technology II

3 credits; 3 hours

This course is designed to impart an understanding of the components, principles and operations of digital imaging systems found in diagnostic radiology. Factors that impart image acquisition, display, archiving and retrieval are discussed. Guidelines for selecting exposure factors and evaluating images within a digital system assist students to bridge between film-based and digital imaging systems. Principles of digital system quality assurance and maintenance are presented.

Prerequisite: SCB204, SCX101, SCX105, SCX109, SCX110

Corequisite: SCX106, SCX111, SCX119

SCX105 Radiographic Procedures I

4 credits; 4 hours

This course is designed to provide the knowledge and skills necessary to perform radiographic procedures. This is the first in a series of courses dealing with principle techniques, radiographic anatomy, radiographic procedures and related terminology in the production of images of the chest, abdomen, upper and lower extremities. The production of images of optimal diagnostic qualities is stressed. Laboratory experiences utilizing phantom apparatus are used to complement the classroom portion of the course.

Prerequisite: ENC/G101, MAT115, SCB203, SSN187

Corequisite: SCB204, SCX101, SCX109, SCX110

SCX106 Radiographic Positioning and Procedures II

4 credits; 6 hours (3 classroom, 3 lab)

This course is a continuation of Radiographic Procedures I, with reinforcement of the basic concepts presented in that course. Emphasis is placed on the pelvis girdle, vertebral column, thoracic cavity and cranium studies. The production of images of optimal diagnostic qualities is stressed. Laboratory experiences utilizing model apparatus allows students to apply the concepts acquired in the classroom environment.

Prerequisite: SCB204, SCX101, SCX105, SCX109, SCX110

Corequisite: SCX102, SCX111, SCX119

SCX109 Clinical Practicum I

1 credit; 14 hours

This course is an introduction to the clinical environment.

This is the first primary contact between students and patients.

Students are assigned to various work areas in the Radiology Department to observe the operations of the entire department. While working under the close supervision of a licensed radiologic technologist, students will acquire required medical imaging skills, with an emphasis on the chest, abdomen and upper and lower extremity competencies.

Prerequisite: SCB204, SCX101, SCX105, SCX110,

SCX110 Principles of Radiographic Exposure I

3 credits; 3 hours

This course will provide students with the principles of electromagnetic radiation and its effects upon living tissue. The importance of radiation protection for patients and personnel will be the study of physics and electronic involvement in the production, use, and control of the various electromagnetic energies used in medical and diagnostic applications. This course heightens the student radiographer's awareness of the nature of ionizing radiation and its effect on all biological material.

Prerequisite: ENC/G101, MAT115, SCB203, SSN187

Corequisite: SCB204, SCX101, SCX105, SCX109

SCX111 Principles of Radiographic Exposure II

3 credits; 3 hours

The intent of this course is to establish a knowledge base of factors that govern and influence the production and recording of radiologic images. Film and electronic imaging with related accessories will be emphasized.

Prerequisite: SCB204, SCX101, SCX105, SCX109, SCX110

Corequisite: SCX102, SCX106, SCX119

SCX119 Clinical Practicum II

2 credits; 15 hours (1 lecture, 14 lab)

Students continue to improve their medical imaging skills while working at the assigned clinical affiliate under the guidance of a registered licensed radiologic technologist. Introduction to the principles of medical imaging of the lower extremities, pelvic girdle, and vertebral column are presented. This is the second of six clinicals.

Prerequisite: SCX109

SCX129 Clinical Practicum III

2 credits; 35 lab hours

This course is a continuation of the clinical practicums to improve skills in all routine and contrast media imaging procedures. Students are encouraged to assume more responsibilities in the diagnostic imaging process. The didactic information previously presented in Radiographic Procedures I and II are coordinated with assigned rotations at the affiliated clinical sites. Critical thinking skills are enhanced. The weekly seminar will be on blackboard. This is a hybrid course.

Prerequisite: SCX119

SCX201 Radiologic Technology III

3 credits; 3 hours

This course provides students with an overview of Hospital Administration, including employment issues, labor contracts and litigation processes. Radiation biology and the principles of

interaction of radiation with living tissues are discussed. Acute and chronic effects will be discussed. Quality Assurance involves the evaluation of radiographic images along with their delivery systems. State and federal guidelines are included. Equipment Quality Control and its testing are discussed.

Corequisite: ENG102, SCX229, SCX240, SCX250

SCX205 Radiographic Procedures III

4 credits; 4 hours

This course focuses on the more advanced positions utilized in the practice of medical imaging. Students are introduced to more advanced studies that involve the use of contrast media, pediatrics, trauma and mobile radiography. The basic concepts of pharmacology are also presented. The theory and practice of basic techniques of venipuncture are introduced. Practicum laboratory experiences complement the didactic portion of the course, allowing the students to demonstrate their ability on the phantom patient.

Prerequisite: SCX129

Corequisite: SCX201, SCX209, SCX240, SCX250

SCX209 Clinical Practicum IV

2 credits; 15 hours (1 lecture, 14 lab)

Continuation of the clinical practicum provides an opportunity for students to improve skills in the areas of general diagnostic procedures, contrast media procedures, advanced imaging procedures, and skull imaging at their assigned medical facility. This also serves as an introduction to specialty areas such as Computed Tomography (CT), Magnetic Resonance Imaging (MRI), special procedures, and angiographic procedures. This is the fourth in a series of six clinicals.

Prerequisite: SCX129

Corequisite: SCX205, SCX245, SCX260, permission of the Program Director

SCX219 Clinical Practicum V

2 credits; 15 hours (1 lecture, 14 lab)

A continuation of the student's clinical experience. Students will complete all initial and continuous clinical competency evaluations and objectives. All initial and continual competency evaluations are to be completed prior to beginning the final competency evaluations to be completed during the final clinical rotation.

Prerequisite: SCX205, SCX209, SCX245, SCX260

Corequisite: Permission of the Radiologic Technology Program Director

SCX229 Clinical Practicum VI

2 credits; 15 hours (1 lecture, 14 lab)

This final clinical experience provides the student with the opportunity to exercise independent judgment and discretion in the technical performance of medical imaging procedures. Students must complete terminal competency evaluations in ten required categories. Competencies are to be completed on patients when possible. Simulated competencies will be done as a last resort.

Prerequisite: SCX219

Corequisite: ENG102, SCX210, SCX240, SCX250, permission of the Radiologic Technology Program Director

SCX240 Cross Sectional Anatomy*1 credits; 1 hours*

This course will provide students with the knowledge to identify the anatomical structures of the human body in various axial planes. Instructional aids will include radiographs, CT images, MRI images and anatomical models. In each section of the course, correlations will be drawn among radiographs, CT images, and MRI images.

Corequisite: ENG102, SCX201, SCX205, SCX229, SCX250

SCX245 Pathology and Fracture Radiography*2 credits; 2 hours*

This course is designed to discuss the biological, physical, chemical, and anatomical changes that occur in different disease processes. Also addresses the etiology and pathogenesis of disease states and the physiological changes that accompany altered body states.

Prerequisite: SCB204

Corequisite: SCX205, SCX209, SCX260

SCX250 Imaging Modalities I*3 credits; 3 hours*

This course is designed to establish a knowledge base in radiologic, fluoroscopic and tomographic equipment requirements and design. The content will also provide a basic knowledge of quality control. Exposure to a variety of more advanced and complex diagnostic procedures and modalities are incorporated. Various recording media and techniques are discussed.

Prerequisite: SCX219

Corequisite: ENG102, SCX201, SCX229, SCX240

SCX251 Imaging Modalities II*3 credits; 3 hours*

This course provides students with a basic understanding of the more advanced and complex diagnostic procedures. Students will be introduced to procedures including vascular angiography, myelography, arthrography, venography and mammography.

Prerequisite: SCX201, SCX205, SCX209, SCX240, SCX250

Corequisite: ENG102, SCX219, SCX245, SCX260

SCX260 Film Evaluation and Critique*2 credits; 2 hours*

This course enables students to evaluate and critique diagnostic radiographic images and to improve the radiographic quality by understanding radiographic imperfections. Through these evaluations, students will be able to limit their retakes, improve the patient quality of care, and improve the radiographic quality of their films. Student projects, associated film presentations and critiques are also included.

Prerequisite: SCX219

Corequisite: SCX205, SCX209, SCX245

Science**SCN194 HIV/AIDS, Science and Society***3 credits; 3 hours*

Through interdisciplinary perspectives this course will examine in historical contexts the political and social responses within nations and cultures to the global HIV/AIDS pandemic including comparison of local HIV prevention efforts and support for people with HIV/AIDS. The history of the epidemic in New York City focused on local HIV/AIDS activism and socio-political issues will be reviewed as will the impact on local socio-cultural communities (e.g., gay men, people of color, injection drug users). The course will also review the biological basis of HIV transmission, AIDS etiology and the interdisciplinary scientific basis of HIV prevention and treatment strategies (e.g., medical, psycho-social).

Prerequisite: ESA/ENC/G101, MAT096

This is a Writing Intensive course.

SCN195 Community Health*2 credits; 2 hours*

This course is a basic orientation to public and community health including: the role of science, policy and ethics; the nature of health and disease; prevention of disease and public health measures; healthcare systems; and careers in health.

NYC Department of Health initiatives and data, as well as NYC historical events in health, are used to illustrate course concepts.

Students will apply knowledge of course material through two short research reports.

Prerequisite: CSE099, MAT096

Corequisite: ESA/ENC/G101

This is a Writing Intensive course.

SCN196 Community Health Research*1 credit; 1 hour*

This course provides an overview of open sources of health data on New York City residents available for public use. Students will be introduced to the process of preparing and presenting research through development of an ePortfolio project focused on a specific health issue within their local community.

Corequisite: SCN195

This is a Writing Intensive course

Veterinary Technology**SCV101 Introduction to Veterinary Technology***3 credits; 3 hours*

This is a comprehensive introduction to the fundamental principles of animal science. Subjects covered include genetics and breeding, growth and senescence, environmental physiology, nutrition and feeding and animal behavior. In addition students will begin the study of basic animal care and management, dosage calculations and animal diseases. There will be field trips to selected animal facilities in the metropolitan area.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SCV150 Principles of Animal Control*2 credits; 2 hours*

This course is designed to prepare students to work in animal care and control programs in municipalities and other government agencies. It will cover the philosophy and history of such programs, as well as the federal, state and local regulations that govern their use. Students will study the design and operation of animal shelters including the procedures by which animals are apprehended, cared for and disposed of. The characteristics of common and exotic animal species will be discussed, as well as the important diseases of each group.

Prerequisite: ENA/ENC/ENG101, MAT106, SCV101

SCV201 Research Animal Technology*4 credits; 6 hours (3 lecture, 3 lab)*

This course prepares students to work with rodents, rabbits, and other animals used in research. Laboratory sessions provide hands-on training in restraint, drug administration, sample collection, anesthesia and research techniques. Classroom periods will cover husbandry, diseases, and sanitation, as well as the principles and ethics of animal research. Students will participate in the operation of the College's animal facility.

Prerequisite: ENA/ENC/ENG101, MAT106, SCC210, SCV101

SCV210 Veterinary Nursing I*4 credits; 6 hours (3 lecture, 3 lab)*

This course introduces students to the technical procedures of veterinary practice. The major disciplines to be covered in lecture sessions are anesthesiology, parasitology, and small animal diseases. In the laboratory students will anesthetize dogs and cats and perform basic diagnostic and therapeutic techniques. They will also prepare patients for aseptic surgery, employ techniques of surgical assisting and learn the principles of cardiopulmonary resuscitation.

Prerequisite: SCB209, SCV201

SCV211 Veterinary Nursing II*4 credits; 6 hours (3 lecture, 3 lab)*

This course deals with advanced technical procedures in veterinary practice and laboratory animal science. Lecture sessions will cover animal diseases, emergency care, pharmacology and gnotobiology. In the laboratory, students will receive training in the care of sick and injured animals, including dentistry, catheterization, fluid and drug administration and the use of monitoring devices. In addition, students will maintain a germfree isolator and perform minor surgical procedures on rodents.

Prerequisite: SCV210;

Pre- or Corequisite: SCB260

SCV212 Veterinary Radiography*3 credits; 5 hours (2 lecture, 3 lab)*

Explore the theory and principles of radiography. The laboratory will provide students with training in the operation and maintenance of the x-ray machine, automatic and manual film processing, animal restraining and positioning, health and safety pre-cautions and radiograph evaluation and storage as they relate to veterinary medicine.

Prerequisite: ENA/ENC/ENG101, MAT106, SCB209, SCV201

SCV213 Veterinary Laboratory Techniques*3 credits; 5 hours (2 lecture, 3 lab)*

This course deals with the examination of blood, urine, and other body substances for diagnostic and prognostic purposes in veterinary practice. Students will learn to perform complete blood counts, blood chemistries, serological tests and urinalysis. Lecture periods will cover the theories on which the tests are based and the relevance of laboratory results in the evaluation of the health of animals.

Prerequisite: ENA/ENC/ENG101, MAT106, SCB209, SCV201

SCV214 Farm Animal Nursing*3 credits; 5 hours (2 lecture, 3 lab)*

In this course, students will study the application of animal health technology to farm animals. Class sessions will cover diseases, government health regulations and programs, emergency care, orphan animal care and relevant farm management procedures. Using various species of animals and types of equipment, students will learn techniques for restraint, administration of medication, sample collection, bandaging, surgical preparation and assistance and positioning for radiology.

Prerequisite: SCV201; *This course will be taught off-campus.*

Students must pay their own travel and room & board expenses.

SCV220 Principles of Exotic Animal Medical Care*2 credits; 2 hours*

This course introduces the student to the comparative anatomy, physiology, and medical care of exotic animals. Anesthesia, blood collection, radiography laboratory testing and treatment methods of birds, reptiles, amphibians, fish, marine mammals, hoofstock, primates, small mammals and carnivores will be discussed as they apply to the work of veterinary technicians in private practice, zoos, aquariums, wildlife rehabilitation and research.

Prerequisite: ENA/ENC/ENG101, MAT106, SCC210, SCV201

SCV231 Part-Time Research Internship*2 credits; 1 classroom hour, 22 clinical hours*

This internship provides students with an experience based learning opportunity to explore or confirm career interests and plans. The students will apply classroom learning to real work situations and strengthen interpersonal and technical skills. The internship is accompanied by a concurrent seminar which provides a framework for analyzing and evaluating students' internship experience.

Prerequisite: SCV211, SCV212, SCV213

SCV234 Full-Time Clinical Internship*3 credits; 2 hours*

This internship provides students with an experience based learning opportunity to explore or confirm career interests and plans; apply classroom learning to real work situations; and strengthen interpersonal and technical skills. The internship is accompanied by a concurrent seminar which provides a framework for analyzing and evaluating student's internship experience.

Prerequisite: ENA/ENC/ENG101, MAT106, SCV211, SCV212, SCV213

SCV245 Theory and Practice of Transgenic Techniques*3 credits; 5 hours (1 lecture, 4 lab)*

Transgenic techniques involve the manipulation of genes and gene fragments and their incorporation into new host animals. Lectures will provide an understanding of the theoretical principles involved. Laboratory sessions will involve transgenic techniques in mice and will include DNA separation, collection of ova, microinjection, ova transfer, embryonic stem cell manipulation, colony management and related procedures. The laboratory sessions will be held at Rockefeller University.

*Prerequisite: SCB209, SCV201***SCV247 Veterinary Pathophysiology***2 credits; 2 hours*

This course is designed to integrate information from veterinary anatomy, physiology, histology and pathology. The purpose is to relate the normal physiology of the animal to the consequences of abnormal physiology, and discuss what effect this would have on tissues and organs in the body. The main focus will be on companion animals, but other domestic and exotic animals will be discussed.

*Prerequisite: ENA/ENC/ENG101, MAT106, SCB209, SCV201***SCV262 Veterinary Pharmacology and Toxicology***3 credits; 3 hours*

This course provides an overview of the main concepts of veterinary pharmacology and toxicology as they relate to clinical practice. The course will cover general concepts of pharmacodynamics and pharmacokinetics, as well as clinical pharmacology. The major categories of veterinary drugs will be discussed in general terms, and specific commonly used therapeutic drugs will be highlighted.

*Prerequisite: SCV201, SCV213**Pre-or Corequisite: SCV211, SCB260*

Humanities Department

Room C745 (718) 482-5690

The Humanities encompass the range of human experience—who we are and what our lives mean. The Humanities Department offers courses in the following discipline areas: performing arts, philosophy and critical thinking, speech communication and visual arts. The department also offers a variety of Urban Study courses. Degree programs in Fine Arts, Commercial Photography and Music Recording Technology are housed in the Humanities Department.

Department Faculty

Michael Rodriguez, Chairperson; Leslie Aarons, Vera Albrecht, Alberta Arnold, Nancy Bandiera, Lisa Barry, Jessica Boehman, Mark Brooks, Richard Brown, Robert Bruno, Cheri Carr, Ralph Castaldo, John Chaffee, Andy Kai-Chun Chuang, Jeremy Couillard, Dennis D'Amelio, Lisa DeSpain, Thomas Dempsey, Sandra Dickinson, Payal Doctor, Maureen Drennan, Dahlia Elsayed, Helmut Eppich, Arianne Fernandez, Hugo Fernandez, William Fulton, Susan Gizzi, Thierry Gourjon, Erika Heppner, Sumanth Inukonda, Doreen Kolomechuk, Javier Larenas, Robin Levenson, Louis Lucca, Fern Luskin, Gustavo Moretto, Eman Mosharafa, Emmanuel Nartey, Garret Neergaard, Sean Palmer, Shannon Proctor, Joyce Rheuban, Jaime Riccio, James Richardson, Ari Richter, Joan Schwartz, Stefania Sertich, Thomas Seymour, Arthur Simms, Poppy Marie Slocum, Patricia Sokolski, Scott Sternbach, Dana Trusso, Liena Vayzman, Gary Vollo, Shaunee Wallace, Jeffrey Weintraub, Francine White

Cooperative Education

CEP121 Cooperative Education: Fundamentals of Professional Advancement*3 credits; 3 hours*

This introductory Cooperative Education course will help students evaluate career and educational plans, develop professional literacy, and synthesize connections between coursework and professional opportunities. Theories of experiential learning and an overview of career planning will be introduced. Web-based activities, online reading and writing assignments and a pre-internship project will culminate in the development of a professional ePortfolio. This course is a prerequisite for internship placement for students who are in a First Year Academy.

*Pre or Corequisites: For All Academies: CSE099, ESL099**For Technology Academy: BTC100 or MAC101**For Business Academy: BTM101**For Liberal Arts or Allied Health Academy: SSS100 or SSY101*

CEP201 Cooperative Education Internship*3 credits; 1 seminar hour; 25-40 internship work hours*

The internship provides students with an experienced-based learning opportunity to explore or confirm career interests and plans; apply classroom learning to real world settings; and practice and strengthen core competencies. During the Co-op cycle, the number of hours required is set by the internship site, but a minimum of 15 hours a week is required. The internship is accompanied by a concurrent seminar which provides student a framework for analyzing and evaluating their internship experiences.

Prerequisites: CEP121, CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096, Students must have completed all basic skills and at least 24 credits. Students must also have at least a 2.0 cumulative G.P.A. and permission from a faculty advisor.

IND100 Portfolio Development*1 credit; 2 hours*

This course will assist students to develop a portfolio that provides a description of life/workplace experiences and learning accomplishments as they relate to the objectives of a college credit course. As a process for reflective learning and professional development, it will require students to design and create an ePortfolio that contains evidence of, and reflection on, curricular, co-curricular and personal accomplishments. A request for additional credit through various departments is optional.

Performing Arts**Dance****HUD101 Theatrical Dance I***2 credits; 2 hours (1 practice hour)*

This course will introduce students to ballet, modern jazz and selected ethnic dance through dance history and class performance. Students will utilize the basic techniques of each of these dance forms, including barre exercises, center practice and combinations across the floor. The basic theory of the positions and movements of the body will be explored. Leotards and tights or loose fitting athletic wear is recommended. Students will be required to attend and pay admission for one live dance performance. Studio time (one hour) will be recommended for use by students for practice. This will be unsupervised practice time and students will not be required to pay tuition for this hour.

Pre- or Corequisite: CSE099, ENA/ENG/ESA099/ENC101

HUD102 Theatrical Dance II*2 credits; 2 hours*

This course is a continuation of Theatrical Dance I (HUD101). Through the advanced study of dance technique in ballet, modern and jazz dance, students will continue to explore the theory and practice of dance as an art form and to explore how ethnic dance has influenced theatrical dance in the United States. Significant dance artists, choreographers and major works of choreography will be examined. Leotards and tights or loose fitting athletic wear are recommended.

Prerequisite: HUD101

HUD105 Creating Dances: The Art of Choreography*2 credits; 2 hours*

This course is designed to help students explore dance improvisation as an essential component in making dances. Experimenting with personal movement, students will study the basic techniques and methods of choreography. Students will use self-expression to promote analysis, imaginative reflection and participation in creating dances. Students will also view the works of a variety of modern dance choreographers, ranging from Martha Graham, Paul Taylor and Alvin Ailey to innovators in post-modern dance. Students will be required to attend and pay for a dance rehearsal and a dance performance.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101 or ESL/ESR098

Music**HUM101 Introduction to Music***3 credits; 3 hours*

This course is designed to develop an understanding and appreciation of various forms of music. Emphasis will be placed on the elements of musical organization, expression and style. Students will gain understanding by listening to selections and by discussing significant features of musical compositions from the Middle Ages to the present time.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUM104 Music for Children*3 credits; 3 hours*

This course is designed to allow education students to explore the range of music fundamentals and techniques as they relate to rhythm, pitch and vocal expressiveness. Students will be introduced to basic skills of percussion, the recorder, singing and reading music. They will continually grow in this ability to listen to, respond to and create music with understanding, skill and sensitivity; and to present lessons to children that allow them to have those experiences as well.

Prerequisite: CSE099, ESL/ESR099

HUM107 Music of Latin America*3 credits; 3 hours*

This course is an overview of the music of Latin America according to several cultural/geographical areas, including Rio de la Plata, the Andean Region, Brazil, the Caribbean and Mexico. Latin American musical developments from the past and present will be studied to show the individual characteristics as well as the common elements within the various styles. Students will be required to attend one live concert at minimal or no cost.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUM110 Introduction to Jazz*3 credits; 3 hours*

This course introduces students to the diverse musical cultures of the world, and surveys the musical styles of Africa, Asia, South America, the Middle East, and the Caribbean. From the

rhythms of African percussion, to the vibrancy of Brazilian Samba, students will gain a new understanding of the musical genres that have shaped cultures globally. Through an examination of musical traditions across the globe, students will gain new insight on world music and cultural identity.

Prerequisite: ENA/ENG099, ESA099, ENA/ENC101

HUM109 World Music

3 credits; 3 hours

This course is designed to develop an understanding and appreciation of jazz as a folk art. The music and characteristics of various styles, including Dixieland, blues, ragtime, boogie woogie, hop, cool, funky, eclectic and jazz-fusion rock, will be studied through recordings and classroom performances.

Emphasis will be on the stylistic characteristics of jazz piano, jazz/blues vocalists, the rhythm section, alto saxophone, tenor saxophone, trumpet and trombone. The course will involve outside reading and listening, as well as performances and lecture/demonstrations.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUM140 Music Theory I

2 credits; 3 hours (2 classroom, 1 lab)

Music Theory I is a comprehensive study of the key components in the performance, creation, transcription and analysis of music. Students will build upon the fundamentals of notation and musical literacy to begin to understand how music functions. Topics covered include major and minor scales and keys, diatonic intervals, chromatic intervals, pentachords, hexachords, transposition and composition. Students will transcribe, analyze, compose and perform music in this course.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

HUM144 Musicianship I

3 credits; 3 hours

Musicianship I develops basic skills required to train the musician's ear to identify, interpret, process and utilize aural information presented in music. Students will discover how to aurally identify diatonic and chromatic intervals, interpret and document rhythms, sight sing melodies, identify fundamental harmonic sonorities, and transcribe melodies.

Prerequisite: HUM140

HUM146 Music Audio Recording I

3 credits; 4 hours (3 lecture, 1 lab)

This course will introduce students to music audio recording using industry-standard software, such as ProTools. Topics covered will include digital recording, mixing and editing on an introductory level. Students need not have any prior experience.

Prerequisites: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

HUM147 Music Audio Recording 2

3 credits; 3 hours

This course more extensively examines theories and technologies, used in audio productions for music and provides the student with a vocabulary covering the area of audio

production. Students learn the techniques and technology used in modern multi-track studios and participates in intensive hands-on work in a multi-track recording studio using Pro Tools hardware and software and plug-in signal processors. Emphasis is on stereo and multi-track editing and use of plug-ins, mixing and post productions.

Prerequisite: HUM146

HUM151 Contemporary Vocal Ensemble

1 credit; 3 hours

Emphasis is on the preparation for public performance of contemporary choral music for small vocal ensemble with two to four voices on each part. The repertoire will include arrangements in a variety of contemporary vocal idioms: gospel, musical theatre, jazz. Performances of original works will also be encouraged. Enrollment will be limited to 20 students.

A student may take Contemporary Vocal Ensemble five sessions for credit, or audit without credit.

Prerequisite: CSE099

HUM152 Contemporary Vocal Ensemble I

2 credits; 3 hours (2 classroom, 1 lab)

Contemporary Vocal Ensemble I is designed for all vocalists to improve their musical performance skills in a choral setting. Students gain skills in part-singing, blending vowels, proper diction, breath control, expanding range, and stylistic interpretation through the study and performance of various contemporary musical genres. This course culminates with one or more public performances and a recording that documents the repertoire covered throughout the semester.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

HUM155 Voice Class I

3 credits; 3 hours

This course introduces students to the techniques of vocal production through a group setting. Students explore topics of breath control, support, diction, phonetics, vowel placement, diatonic harmony, and 2-3 part-singing. Students discover the difference between head tone/falsetto versus chest voice.

Students learn how to apply these techniques to a range of musical styles; pop, doo-wop, musical theatre, and classical literature. The course culminates in a public performance.

Prerequisite: CSE095, ESL098

HUM156 Voice Class II

3 credits; 3 hours

This course reinforces and builds upon the vocal techniques and choral skills studied in HUM 155 Voice Class 1. Students study advanced vocal exercises to further their mastery of breath control, diction, vowels, and transversing chest and head voice.

Students study choral literature with advanced harmonic language, rhythm, counterpoint, and 4-6 part-singing. Students are introduced to the beginning concepts of belt technique.

The course culminates in a public performance.

Prerequisite: HUM155 with a C or better

HUM170 Guitar I*3 credits; 3 hours*

This course is designed to introduce students to the fundamentals of acoustic guitar technique: strumming/picking technique, correct fingerings, and tuning the guitar. Students will be introduced to the rudiments of music (types of notes, note values, time signatures, chord structure and scales). Students will learn to read and perform simple guitar melodies/chords and they need not have had previous guitar instruction. Guitars will be provided for student use.

Prerequisite: CSE099, MAT095

HUM171 Guitar II*3 credits; 3 hours*

This course is a continuation of HUM170. Guitar techniques, including: strumming, slurring, guitar picking and exercises to facilitate more advanced left hand with right hand coordination will be continued. Further study in music theory, chord analysis and the essentials of various styles (classical, pop, and jazz) will also be included. Guitars will be provided for student use.

Prerequisite: HUM170 with a grade of C or better or audition

HUM173 Blues, Rock and Jazz Ensemble*3 credits; 3 hours*

The Rock, Blues, and Jazz Ensemble is for all instrumentalists seeking to improve their skills as ensemble performers. This course is designed to enable students to perform cohesive ensemble music with attention to skills such as, reading, improvisation, performing a variety of styles, rhythm section techniques, good stage presence, communication in musical terms & band equipment set up. Class sessions consist of small group rehearsal and culminate in one or more public performances near the end of the semester.

Pre- or Corequisite: CSE095, ESL097

HUM174 Ensemble I*2 credits, 3 hours (2 classroom, 1 lab)*

Ensemble I is designed to improve instrumental students' musical performance in an ensemble. This course is designed to enable students to perform cohesive ensemble music with attention to skills such as reading, improvisation, performing in a variety of genres, rhythm section techniques, stage presence, communication in performance, and overall presentation. Class sessions consist of small group rehearsals that culminate with one or more public performances and a recording that documents the semester.

Prerequisite: CSE099, ENA/ENG099, MAT095

HUM180 Piano I*1 credit; 2 hours (1 classroom, 1 lab)*

This course introduces students to piano/keyboard skills. Students develop skills in basic piano technique, reading music, and music theory. Students apply their skills and knowledge through the mastery and performance of basic piano literature and pop/jazz chord charts.

Prerequisite: CSE099, ESL098, ENA/ENG099, ESA099, ENA/ENC101, MAT095

HUM181 Piano II*1 credit; 2 hours (1 classroom, 1 lab)*

This course builds on piano/keyboard skills mastered in Piano I, HUM 180. Students develop more advanced skills in piano technique, reading music notation, and music theory. Students apply their skills and knowledge through the mastery and performance of piano literature and contemporary pop/jazz songs.

Prerequisite: HUM180, MAT096

HUM182 Piano III*3 credits; 3 hours*

A continuation of HUM181, this course is designed to give the student an increased technical and reading capability. The student will learn about scales and finger exercises which will aid in the study of pieces representative of the various periods of musical composition. Upon completion of the course, the student should be able to play pieces appropriate for the advanced beginner from both the classical and popular repertoire.

Prerequisite: HUM181 or audition

HUM191 Percussion II*3 credits; 3 hours*

This course is designed as a continuation of HUM190, Percussion I. It is intended to increase the students' knowledge and technical ability as percussionists on a variety of instruments. The students will study and perform music in varying styles intended to increase their proficiency in reading written music. In addition, they will enhance their playing and reading ability by studying gradually more advanced technical percussion exercises. There will be in-class and public performances.

Prerequisite: HUM190 with a grade of C or better or audition

HUM193 Popular Percussion Ensemble*3 credits; 3 hours*

This course is designed to allow students to participate in percussion groups of various sizes. Students will study and perform music from published and/or original arrangements, which reflects a variety of percussion styles. Music Fundamentals and Techniques (rudimentary music theory) as applied to the different pitched or non-pitched percussion instruments will be studied. No prior musical experience necessary.

Pre- or Corequisite: CSE095, ESL097

HUM210 American Music*3 credits; 3 hours*

American music is an exploration of the various musical developments in the United States. Through listening, reading, and discussion, students will investigate folk music, entertainment and commercial music, art music and other musical traditions of the United States. The Broadway musical and the current musical scene will also be studied.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUM240 Harmony and Counterpoint I*2 credits; 2 hours*

Harmony and Counterpoint is an in-depth study of diatonic and chromatic harmony. This course will reinforce the fundamental concepts covered in Music Theory I as well as

taking an overview of species counterpoint. Students will study the harmonic conventions of the 17th and 18th centuries including chorale composition, part writing and the figured bass. Parallel concepts related to harmony will be explored related to contemporary music.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, HUM140, MAT095

HUM252 Contemporary Vocal Ensemble II

2 credits; 3 hours (2 classroom, 1 lab)

Contemporary Vocal Ensemble II is designed for all vocalists to build upon the skills developed in Contemporary Vocal Ensemble I. Students will continue to improve their musicianship in a choral setting through the study of advanced literature and vocal techniques, including improvisation, beat-boxing, singing one voice per part, and a cappella. Class sessions consist of both large and small group ensemble rehearsals that culminate with one or more public performances and a recording that documents the semester.

Prerequisite: HUM152

HUM255 Voice Class III

3 credits; 3 hours

In this course students reinforce and build upon previously studied vocal techniques through small ensemble and solo work. Students refine skills in breath control, support, diction, phonetics, placement, part-singing, and navigation between chest and head/falsetto voice. Students expand their knowledge in the application of vocal techniques to advanced vocal literature in jazz, musical theatre, a cappella and opera/art song. The course culminates in a public performance.

Prerequisite: HUM155, HUM156

HUM274 Ensemble II

2 credits; 3 hours (2 classroom, 1 lab)

Ensemble II is designed to build upon instrumental students' skills developed in Ensemble I. Students will continue to improve their musicianship in an ensemble setting through the development of sight reading, improvisation, and comprehensive performance skills in a variety of genres. Students will also compose original music for the ensemble. Class sessions consist of small group rehearsals that culminate with one or more public performances and a recording that documents the semester.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, HUM174, MAT095

New Media Technology

HUW111 E-Commerce Technology

3 credits; 4 hours (3 lecture, 1 lab)

This course provides students with the fundamental steps required to build a successful e-commerce system. Topics include: client/ server technologies, Web servers (e.g., Apache, IIS), connectivity with database systems, obtain/connect with secure certificates. This course will provide students with hands-on experience designing, implementing, and monitoring business-customer websites.

Prerequisite: ENA/ENC/ENG101, HUW161 or HUW166

HUW112 Introduction to New Media

3 credits; 3 hours

This course introduces students to new media. It explores the applications of new media and discusses underlying technologies such as digital video/audio, Web pages, programming, physical computing, compression and file transfer. The course will build from file and directory manipulation through to the design of interactive materials. The lab portion of the course will explore digital video and audio editing; Web page design; image editing; and a computer scripting language.

Prerequisite: BTC100 or BTC101 or MAC101

HUW161 Principles of Multimedia and Web Design

3 credits; 4 hours (3 lecture, 1 lab)

This course explores various aesthetic and ergonomic issues from both the user and technical standpoints of Web design. Students are introduced to development tools to aid in the creation of multimedia applications. Topics include the human computer interface, site navigation, browser safe design, HTML, CSS, XML, layout control, templates, plug-ins and image manipulation.

Prerequisite: HUA104 or HUA125 or HUW112

HUW162 Web Animation and Interactivity

3 credits; 4 hours (3 lecture, 1 lab)

The student will learn to design effective web sites using multimedia elements such as audio, video and animation. Each student is required to develop and publish web content in order to prepare for a career in New Media. Students will further explore web animation and interactivity via database connectivity, graphics and scripting to develop rich media applications and sites. The lab portion will require the completion of a final project that demonstrates mastery of the material covered.

Prerequisite: HUA104 or HUA125 or HUW112

HUW163 Internet Video and DVD Development

3 credits; 4 hours (3 lecture, 1 lab)

Students develop their skills in multimedia and streaming video tools that include: video capture, video editing and video compression for streaming media. Students will be introduced to digital video software such as Final Cut Pro or Avid to create video that can be embedded into Web pages or burned into DVDs. Students will be required to complete a final project that demonstrates mastery of the material covered.

Prerequisite: HUA104 or HUA125 or HUW112

HUW166 Introduction to Web Development

3 credits; 4 hours (3 lecture, 1 lab)

This course introduces students to the Internet and the World Wide Web. Students will learn about web browsers, XHTML coding, JavaScript and CSS. Students will code and generate web pages by hand in preparation for creating fully dynamic sites. The basics of modifying bitmapped images will be covered.

Prerequisite: HUW112

HUW167 Dynamic Web Development

3 credits; 4 hours (3 lecture, 1 lab)

This course introduces students to creating dynamic database driven web sites with XHTML and web programming languages like PHP, MySQL, ColdFusion and ASP. In addition, Javascript and CSS programming will be reinforced before advancing to the server side language.

Pre- or Corequisite: HUW166

HUW168 Advanced Dynamic Web Design

3 credits; 4 hours (3 lecture, 1 lab)

This course continues on the web programming foundation introduced in HUW167, Dynamic Web Design. Students will continue developing dynamic database driven web sites with XHTML and web programming languages like PHP, MySQL, Coldfusion and ASP. Special attention will be given to the integration of newer technologies like JQuery, Spry, AJAX, into effective web page design. As well as the use of Content Management Systems (CMS) like Wordpress, Joomla and Drupal in the rapid development of web sites.

Prerequisite: HUW167

HUW169 Internet Game Design

3 credits; 4 hours (3 lecture, 1 lab)

This course deals with the technology, science, and art involved in the creation of computer games. The focus of the course will be hands-on development of web based computer games. Students will study a variety of software technologies relevant to online game design, including: programming languages, scripting languages, operating systems, file systems, networks, simulation engines and multimedia design systems.

Prerequisite: HUW162 or HUW166

HUW269 New Media Project Lab

3 credits; 4 hours (3 lecture, 1 lab)

The New Media Project Lab will serve as the capstone course in the major and reinforce key New Media concepts. Students will develop a final professional portfolio to display their command of multimedia design. Students will be able to utilize this portfolio in an interview in order to obtain work in the field of New Media. The portfolio will serve as a final thesis project and contain revised examples of their past work.

Prerequisite: ENC/G101, HUW161, HUW162, HUW163, HUW166

Music Recording Technology

HUX101 Audio Electronics

3 credits; 9.5 hours

This introductory course lays the groundwork for audio and computer technology. Students learn the fundamentals of AC- and DC-powered audio and computer equipment, signal routing, patching, and equipment interfacing. Lab work focuses on basic skills of audio technician. Through projects, students learn proper wiring and soldering techniques.

HUX102 Basics of Digital Audio

3 credits; 9.5 hours

This course introduces students to computers with an emphasis on audio applications. Topics include the functions of the CPU, memory, hard disk storage technology, and input and output peripherals. Guided tutorials take students through basic computer operations, setup of interfaces with peripherals, and the formatting of storage media. In addition to working with industry-standard digital editing software, students also learn basic word processing and graphics applications.

HUX103 Ear Training and Acoustics

1 credit; 6 hours

Students learn about sound generation, human hearing and perception, the physical principles of musical instruments, acoustics, and acoustical phenomena. Fundamentals are applied to room acoustics typical of a project studio environment. This class emphasizes critical listening skills, a fundamental tool of the audio engineer and music producer. Students receive blank CDs and headphones and burn their own set of IAR audio listening samples for ongoing ear training development.

HUX104 The Business of Music

1 credit; 5.5 hours

This course focuses on the structure of the music business and the process by which an artistic creation is brought to market. It examines the roles of the record label, artist, writer, producer, manager and attorney. Topics also include royalties, recording and producing contracts, publishing and protecting music, the Internet, and other legal issues and business considerations.

Prerequisite: HUX101, HUC102, HUC103

HUX105 Audio Processing and Storage

3 credits; 11 hours

This course introduces students to the tools engineers and producers use to shape and store sound. Topics include gain structure, compression, expansion, equalization, delay, reverb, mixing console operations, analog and digital tape machine operations and alignment techniques. In the hands-on lab, students operate audio processors and learn the parameters of each device. Working with the audio patchbay, students learn proper equipment interfacing technique using analog and digital equipment.

Prerequisite: HUX101, HUX102, HUX103

HUX106 Digital Music Production

2 credits; 8.5 hours

This course focuses on the underlying principles and actual operation of the digital audio workstation (DAW). Students learn about quantization, aliasing, analog-to-digital and digital-to-analog conversions, digital delays, AC-3, DTS and MPEG compression algorithms. Working on individual DAWs, students run software exploring basic music production applications, including mixing techniques, non-destructive editing, virtual patchbays, plug-ins and CD burning.

Prerequisite: HUX101, HUX102, HUX103

HUX107 Microphones Amplifiers and Speakers*2 credits; 6.5 hours*

This class introduces students to the specifications and uses of microphones, power amps and loudspeakers. Students learn the techniques of microphone placement. They also learn about the selection and setup of power amplifiers and match speakers for ideal system performance in studios and sound reinforcement.

Prerequisite: HUX104, HUX105, HUX106

HUX108 Mixing Music I*2 credits; 8.5 hours*

Students gain valuable insight into analog mixing methodology and technique, blending both technical and creative skills. Working on multi-track workstations, students practice the skills required to complete a complex music mix, such as sound quality, balance, spatial placement and overall dynamic range and level. Student mixes are played in class, allowing for further development of critical listening and evaluation skills.

Prerequisite: HUX104, HUX105, HUX106

HUX109 MIDI Applications*3 credits; 10 hours*

This class introduces the fundamentals of MIDI sequencer and sound module operations. Students learn about synthesis, synchronization, and SMPTE/MIDI time code conversion. Working at individual computer stations using a MIDI sequencer and digital audio programs, students write sequenced programs, control sounds from the program to the sound modules, and mix a MIDI-sequenced track.

Prerequisite: HUX104, HUX105, HUX106

HUX110 Recording Workshop*1 credit; 5 hours*

This studio course applies principles and techniques learned in lectures and labs to actual digital multitrack recording sessions with live musicians. Musicians are recorded by the student engineers, starting with recording initial tracks and ending with the final mix. Students rotate through the job assignments of engineer, assistant engineer, digital audio workstation operator, session set-up and breakdown.

Prerequisite: HUX107, HUX108, HUX109

HUX111 Mixing Music 2*3 credits; 9.5 hours*

This class focuses on techniques of mixing in the digital environment. Issues of analog mixing are re-examined in the digital realm. Topics include gain structure through a signal path from input to stereo mix bus, direct signal path design, virtual patchbays, plug-ins effects, issues related to A-D/D-A conversions and metering. Working at digital audio workstations, students complete complex digital mixes and burn them to CD.

Prerequisite: HUX107, HUX108, HUX109

HUX112 Post Production Audio*3 credits; 9.5 hours*

This course introduces students to the production of an audio soundtrack synchronized to video. Topics include location audio sound production, SMPTE time code, dialogue replacement, sound effects design and final mixing. Using the DAW, students build a sound rack to enhance the visual experience. They use Quicktime video imported into the audio DAW and prepare sub mix stems of music, effects and dialogue prior to doing a stereo mix.

Prerequisite: HUX107, HUX108, HUX109

HUX114 Industry Practicum*0 credit; 1 hour*

This course takes students through resume writing, interview techniques, networking, job search strategies, and on-the-job etiquette to prepare students for the workplace. Helpful tips on the current job market are discussed. One-on-one time is available to students to polish their resumes and help steer them towards suitable employment.

Prerequisite: HUX107, HUX108, HUX109

Theatre

HUT101 The Art of Theatre*3 credits; 3 hours*

This course is an introduction to the study of theatre, including playwriting, directing, acting, design and technical theatre. No experience in dramatic production is required. Lecture discussions, performances, demonstrations, films, tapes and guest appearances by theatre professionals will be included. This course is intended as the gateway course into the theatre major. *Pre- or Corequisite: ENA/ENC/ENG101*

HUT110 Acting I*3 credits; 3 hours*

This course examines the theoretical perspectives and the practical demands of acting as an art form. Readings in theory are supplemented by student presentations of short scenes and possible seminar visits to New York theatres.

Pre- or Corequisite: ENA/ENC/ENG101

HUT111 Acting II*3 credits; 3 hours*

This course offers exploration of the theory and practice of acting as an art form through the study of scene preparation and character analysis. Study scenes will be taken from comedy, farce, contemporary and classical drama, offering practice in a variety of acting styles. The spatial characteristics of the stage, rehearsal techniques and the use of props/costumes/make-up will be examined. In addition to texts and plays, students will be required to buy a basic stage make-up kit.

Prerequisite: HUT110

HUT112 Acting for the Camera

3 credits; 3 hours

Acting for the Camera trains the student actor in the specialized demands of working for the camera. Topics include the difference between theatre and film acting, character development, being “real” for the camera, making adjustments to the film director, preparation, continuity in performance, reaction shots, vocal levels and blocking and business for the camera. The method will be practical and project-based, with performance of selected scenes on video tape.

Prerequisite: HUT110, HUT190

HUT122 Introduction to Design for the Theatre

3 credits; 3 hours

This course gives the student an overview of the role of design in theatre. Topics to be studied include: the history of theatre architecture and stage technology; the various stage configurations and specialized equipment; the design process for theatre production; and an overview of design for scenery, properties, lighting, costumes, makeup, sound and projection.

HUT127 Rehearsal and Performance

3 credits; 4 hours (3 lecture, 1 lab)

This course is linked to the Fall or Spring productions of the Theatre Program at LaGuardia. Students who register for this course will be assigned specific tasks that relate to the production, such as acting, stage management, properties, lighting, etc. No prior knowledge of theatre is required for the course and students will learn through hands-on and class experiences working with the director, experienced peer actors and a professional design and construction team. Each student will prepare a prompt book.

HUT168 Theatre as Communication

3 credits; 3 hours

This course is designed to introduce themes and topics in theatre as a means of communication. Topics such as gender roles, immigration, urban, and family issues will be explored through the use of role-playing, class discussion, and small group work related to the chosen theatre texts. Special attention will be given to the role of language in theatre as a reflection and projection of American society.

Pre- or Corequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101 or ESL/ESR099

HUT170 Art of Theatre

3 credits; 3 hours

This course introduces the student to the theories, techniques, and literature of the theatre. Subject matter includes the fundamental tools of playwriting, basic techniques of acting, function of the designer, and evaluation and criticism of performance. Readings, seminars, field trips to New York theatres, and class projects provide the student with an understanding of theatre as a social force and as an art form.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUT175 Directing for the Stage

3 credits; 3 hours

This course explores the functions and responsibilities of the theatre director: script analysis, transfer of written text to the stage, blocking, pacing, developing characters, using props, sound and theatrical design elements. Students explore the director's relations with the playwright, designers and actors. Activities include viewing videotape of directors at work, attending rehearsals with directors of diverse backgrounds, auditions, casting a play and using various rehearsal techniques.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUT195 Theatre Production Workshop

3 credits; 4 hours

This course will involve the study and practical application of basic aesthetic and technical aspects of theatrical production. Through participation in a public production, the student will have a major responsibility in one of the following areas: acting, directing, stage management, rehearsal techniques, set design and lighting, makeup and costuming, and publicity or promotion. Additional time for rehearsals and technical production will be required as a part of this course.

Pre- or Corequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUT202 American Musical Theatre Workshop 2

3 credits; 4 hours

This course provides the student with an overview of literature and performance techniques for the musical theatre stage. The vocal techniques of belt, legit, and mix are examined along with their appropriate application historically, in solo performance, ensemble singing, and in comedic/dramatic literature. Students learn dramatic analysis of a lyric and its application in acting the song. The final project is a staged showcase with each student performing in both a lead and supporting role.

Prerequisite: HUM201

HUT210 Theatre: Pre-history to the Renaissance

3 credits; 3 hours

This course will examine the development of theatre from the earliest ritual origins to the Renaissance. Topics include: theatre and drama in Ancient Greece; Roman and Byzantine theatre; European theatre and drama of the Middle Ages; Italian, English, Spanish, and French theatre of the Renaissance; and the origins of theatre in Africa and Asia.

HUT211 Theatre: Renaissance to Modern Times

3 credits; 3 hours

This course will examine the development of theatre from the Renaissance to today. Topics include: post-Renaissance European theatre through the 19th century; early and late 19th century European theatre; American theatre prior to 20th century; the beginnings of modern world theatre; and post World War II theatre.

HUT220 Contemporary Latina/o Theatre in the United States*3 credits; 3 hours*

This course examines Latina/o theatre and performance in the United States from the turbulent 1970s to the present. Students will read plays from the emerging Latina/o canon while integrating supplementary texts including reviews, critical analyses, essays, and theoretical studies examining the Latina/o theatre. Plays will be studied using various modes of inquiry including geographic, linguistic, gender studies, exile, immigration status and borderlands theory.

*Prerequisite: CSE099**Pre-corequisite: ENA/ENC/ENG101***HUT230 Auditioning***3 credits; 3 hours*

This course introduces students to the process of selecting, preparing, and executing successful audition material for both professional engagements and entrance auditions for transfers to four-year acting conservatories. Students study some of the business aspects of acting including building resumes, getting headshots, working with agents/managers, and joining the unions. At the completion of the course, students will have technique and a body of material that will prepare them for the professional audition.

*Prerequisite: HUT111***HUT299 Experiential Learning in Theatre***3 credits; 3 hours*

The purpose of the Experiential Learning in Theatre course is to provide students with an experience based learning opportunity with a Theatre Program faculty member in order to design and complete, or complete a significant portion of a major creative, scholarly, research, social project with the intent to present, exhibit, publish, or otherwise make available the outcomes of the project.

*Prerequisites:***Philosophy and Critical Thinking****HUP101 Introduction to Philosophy***3 credits; 3 hours*

This course introduces students to the process of philosophical reflection. Utilizing the concept of freedom extensively, it seeks to develop the student's ability to analyze concepts and to explore life experience in a structured and coherent fashion. Students are encouraged to develop their perceptions by critically examining their own beliefs, attitudes, and assumptions in light of the philosophical analyses they encounter.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101***HUP102 Critical Thinking***3 credits; 3 hours*

The goal of this course is to help students become thoughtful and effective critical thinkers, applying the intellectual abilities and specialized reasoning skills to themselves and their society. Students will also learn to identify, evaluate, and solve problems on an individual and societal scale. They will gain self-awareness and a deeper knowledge of the ways in which they interact, change, and are changed by society in order to analyze their role as responsible citizens in a globalized world.

Corequisite: CSE095 or CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095; This course is closed to students who have taken HUR100.

HUP103 Creative Thinking: Theory and Practice*3 credits; 3 hours*

This course explores the process of thinking creatively and guides students in developing the creative thinking process, opportunities to work on a variety of projects and activities requiring creative thinking, and personal appearances by creative people discussing their work.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095***HUP104 Ethics and Moral Issues***3 credits; 3 hours*

This course investigates the nature of morality and its place in human experience. Among the questions posed and discussed are: Is morality simply relative to specific cultures? What are criteria for right and wrong? What is moral agency? Does love have a place in the moral life? Students are encouraged to explore how morality functions in their own lives.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101***HUP105 Philosophy of Religion***3 credits; 3 hours*

An examination of humanity's basic perceptions of itself as they are reflected in religion. Both Western theism and Eastern non-theism will be explored and evaluated. Special attention will be given to the phenomenon of religious experience as it occurs in the different traditions.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUP106 Social & Political Philosophy:**Making a World of Difference***3 credits; 3 hours*

This course invites students to explore both classical and contemporary social and political philosophical theories. Time-honored philosophical perspectives will provide students with a stimulating foundation upon which to explore current social and political issues on a global perspective. With so many provocative challenges confronting the world, students will be offered a philosophical and comparative format through which to better understand and address these global concerns.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUP107 Philosophy of Art*3 credits; 3 hours*

This course explores philosophical theories of beauty and their relationship to the nature of art, as well as the relationship of beauty to truth, morality, and social context. Using examples drawn from the visual arts, performing arts, film, and music — students will examine the origins, purpose, and meaning of art; the nature of the aesthetic experience; and the standards we use to judge artistic expression. Full use will be made of the rich artistic resources of New York City.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUP108 Environmental Ethics*3 credits; 3 hours*

This course offers students an opportunity to investigate ethical issues concerning the environment. The study of Environmental Ethics relates in complex ways to moral theory, as well as global issues in economics, politics and science. This course will explore environmental questions such as our personal responsibility for solving environmental problems; health concerns, and our obligations to ourselves and to other species. Potential solutions will also be explored.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUP109 Philosophy of Law*3 credits; 3 hours*

This course examines legal concepts and theories, moral theories, and problems of legal reasoning and decision-making. Students have the opportunity to critically evaluate philosophical arguments in the areas of justice, liberty and responsibility. Topics to be addressed include, among others, excuse and justification in criminal law, capital punishment, theories of torts and contracts, international law, civil disobedience, censorship and the right to privacy.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUP112 Logic and Philosophy*3 credits; 3 hours*

An introduction to modern symbolic logic with a focus on its application to actual philosophical problems. Topics to be discussed include validity, entailment, truth-tables, proofs, translations from English into symbolic form, as well as more philosophical topics like the relation of modern logic to earlier syllogistic logic, the possibility of the use of logic to resolve

philosophical problems (e.g., God's existence or free will), the relation of English to logic, and the possibility of 'alternative' logics.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

HUP114 Medical Ethics*3 credits; 3 hours*

This course emphasizes the application of moral theory to the issues that arise in the context of medical research and practice. Topics to be addressed include, among others, the role and responsibility of healthcare givers in death and dying, the use of stem cells and animals in medical research, the use of genetic information to influence the outcome of human pregnancy, cosmetic surgical addiction and issues involving involuntary psychiatric care.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUP116 Latin American Philosophy*3 credits; 3 hours*

This class discusses philosophy from and about Latin America and the topics, styles, and voices that have been born there. Latin America is an invented region, regulated and formulated by external forces. It is only logical that such a place would have adopted some philosophical modes, and yet it also makes sense that philosophy would find here a style that challenges traditional formulations and problems.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUP117 Medieval and Renaissance Philosophy*3 credits; 3 hours*

This course introduces students to a critical examination of issues of central concern to Medieval and Renaissance philosophers. We will explore the new directions in which they took philosophy and evaluate the resources in their works that are relevant to numerous significant contemporary debates. Topics include knowledge, the problem of universals, the nature of time, infinity and possibility, being and essence, substance, individuation, God's existence, necessity, contingency and causation, free will and responsibility, body, soul and intellect, truth and predication, anti-essentialism, ethics and human nature.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUP118 African Philosophy*3 credits; 3 hours*

A critical examination of the fundamental questions of human existence as reflected in African traditional conceptions of God, nature, person, identity, free will, morality and the search for a viable political system. This course will analyze the differences and similarities with other systems of thought including the philosophical ideas in the writings of modern thinkers of African descent.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUP121 Eastern Philosophy and Religion*3 credits; 3 hours*

This course will introduce the student to Eastern philosophies through an historical and cultural perspective. Hinduism,

Buddhism, Taoism, Confucianism, Jainism, Sikhism, Shintoism and Sufism will be among the topics covered in this course. Students will work through several texts and selected readings from primary sources for each philosophy in order to gain an understanding of the doctrines, values, metaphysics and epistemology of various Eastern philosophies.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUP122 Philosophy of Gender and Sex

3 credits; 3 hours

This course investigates the philosophical foundations of our most basic assumptions surrounding gender and sex, inviting students to critically reflect on the role these play in defining our identity and values. Topics are oriented around the gendered ways in which persons become authentic, knowledge is created, morality is practiced, and resistance is possible. Representative issues include self-empowerment, embodiment and objectivity, the place of emotion in ethics, and global gender justice.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUP215 Philosophy of Love

3 credits; 3 hours

This course will examine the difference between competing definitions of love as eros, philia and agape with the aid of classical and contemporary philosophical texts, love letters, poetry, psychology, and film. Exercising critical thinking to explore the nature, aim, and activity of love opens an avenue for understanding the self and others while providing diverse perspectives on why the object(s) of love can shape identity as much as the way in which one loves.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUP220 Philosophy of Mind

3 credits; 3 hours

This class provides an introduction to basic issues in the philosophical study of the mind. Topic to be addressed include an examination of the nature of mind and its relation to physical reality, the possibility of science revealing the nature of conscious experience, the nature of thinking and perception and how they relate to the world we think about and perceive, and the ability of computers to think or perceive in the same way we can.

Prerequisite: ENA/ENC/ENG101, HUP101

HUP275 Landmarks in Philosophy

3 credits; 3 hours

This capstone course engages students in the study of key philosophical works by such major philosophers as Plato, Aristotle, Augustine, Aquinas, Descartes, Hume, Kant, Marx, Russell, Wittgenstein, and Sartre chosen from the following periods: ancient, medieval, modern, contemporary. Building on their previous familiarity with these thinkers, students will develop a coherent framework for understanding philosophy, and explore and synthesize the central themes of philosophical study.

Prerequisites: HUP101, two other Philosophy courses

Speech Communication

HUC101 Fundamentals of Speech Communication

3 credits; 5 hours (4 classroom, 1 lab)

This is a survey course that covers a broad understanding of the field of Communication Studies. Students will learn basic principles of communication: listening, verbal/nonverbal and group dynamics in interpersonal, group, public, and intercultural contexts. The First Year Seminar component of this course will help students transition to campus culture, develop a better understanding of learning processes and acquire the skills essential to the study and practice in a professional capacity.

Prerequisite: CSE099, ENA/ENG/ESA099/ENC101

HUC102 Principles of Communication, Non-Native Speakers

3 credits; 4 hours

This course introduces non-native speakers to the basic principles of communication, such as concepts of interpersonal communication, small group communication, and public speaking, in a variety of cultural contexts. In addition, students will learn the principles of articulation, phonetics, and introductory sociolinguistics.

Prerequisite: CSE099; ESL099

HUC104 Voice and Diction

3 credits; 4 hours (3 lecture, 1 lab)

This course is designed for students who wish to improve their speaking skills. Course content will include the basic theory of the production of speech and voice, study of the speech and hearing mechanism and a survey of the sound system of American Standard English. Students will participate in an analysis of their speaking skills and use drills and varied group activities to modify their voice and articulation patterns.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUC105 Language Application Workshop

1 credit; 3 hours (1 lecture, 2 labs)

This course is designed for students who wish to continue to improve their English speaking skills. It will enhance the content of other speech communication courses by helping students modify their articulation, voice and intonation patterns. Through role-plays and discussions, it will provide students with opportunities to use oral language in a variety of contexts in which they have to reason, solve problems and relate ideas.

Pre- or Corequisite: HUC101 or HUC104 or HUC108

HUC106 Public Speaking

3 credits; 3 hours

This course is designed to provide the student with a critical understanding of, and increased skill in, formal public speaking. In addition to examining oral rhetoric theory, students learn and practice skills in topic selection, research, organization, delivery and criticism of speeches.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUC108 Communication in a Professional Setting*3 credits; 3 hours*

This course will develop students' knowledge of oral communication principles and theories in professional settings. Topics will include types of organizational communication, obstacles to effective communication, effective leadership behavior, and nonverbal communication. Students will learn about assertive behavior, conflict resolution, effective listening skills and persuasive presentations.

Prerequisite: CSE099

Pre- or Corequisite: ENA/ENG099, ESA099, ENA/ENC101

HUC109 Argumentation and Debate*3 credits; 3 hours*

This course builds on the basic oral skills developed in Public Speaking (HUC106) and is designed to provide the student with the rhetorical and analytical skills necessary for persuasive argumentation and debate. Students will be introduced to different styles of debate. The student will also learn to prepare a debate brief and to use flow sheets to structure refutation and rebuttal. The role of argumentation and debate in a democratic society will also be explored.

Prerequisite: ENA/ENC/ENG101, HUC101, HUC106

HUC111 Interpersonal Communication*3 credits; 3 hours*

This course will introduce students to the processes and principles of interpersonal communication in the context of developing relationships. Students will examine how the characteristics of each individual (e.g., gender, age, power, culture) and the characteristics of the environment where the relationship develops can affect the way we communicate. The various communication patterns used in relationship formation and relationship disengagement will also be explored.

Prerequisite: HUC101, HUC106

HUC112 Small Group Communication*3 credits; 3 hours*

This course is designed to familiarize students with fundamental principles of small group communication practices in various group settings. Topics include: group development, leadership, decision making and problem solving processes, conflict management and technology and virtual groups. The purpose of this course is to help students enhance their small group communication effectiveness in both interpersonal groups and task-oriented teams.

Prerequisite: HUC101, HUC106

HUC113 Oral Interpretation*3 credits; 3 hours*

This course introduces students to oral performance through verbal and nonverbal interpretation of literature. The focus of this course is to provide students with performance techniques and analytical tools to explore the communicative, aesthetic, and performance elements in prose, poetry, and dramatic literature by means of creative oral presentations. Topics will include: voice development, use of body movement and interpretation and analysis of literature.

Prerequisite: HUC101, HUC106

HUC114/ELL114 Normal Language Development*3 credits; 3 hours*

This course provides a comprehensive overview of normal language acquisition and development. It explores historical and current language theories, research findings and basic stages of typically developing language users. Related topics include an exploration of second language acquisition and atypical language development in people with specific language impairment.

Prerequisite: CSE099, ENA/ENG/ESA099/ENC101, ELL101 or ELL114;

Pre- or Corequisite: HUC106 or HUC114

HUC115 Phonetics*3 credits; 3 hours*

This course is an introduction to the speech sound system of American English, or, the system of English phonemes. Students will learn how to categorize phonemes according to the International Phonetic Alphabet (IPA). Students will practice listening to speech and transcribing it phonetically. Students will be introduced to the acoustic features of sound that are important to speech production. They will be introduced to syllable structure and suprasegmental features that contribute to communication.

Prerequisite: CSE099, ENA/ENG/ESA099/ENC101, HUC106

HUC116 Survey of Speech, Language, and Hearing Disorders*3 credits; 3 hours*

This course will survey the more commonly known speech, language, and hearing disorders that affect children. It is designed to help classroom teachers recognize these disorders, to make appropriate referrals for intervention, and to promote the ability of those with communication disorders to achieve their maximum communicative potential.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUC117 Communication and Technology*3 credits; 3 hours*

This course is an introduction to the various social, political, cultural, and economic impacts of new communication technologies on human communication. The course explores how communication technologies allow us to build, maintain, or terminate communities and relationships in our everyday lives. Students will use communication technologies to participate in class discussions and to present original research about the impact of communication technology on human communication.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUC118 Gender and Communication*3 credits; 3 hours*

This class focuses on how ideas about sex and gender and our identities as men, women, and sexual beings are influenced by and contested in communication, from interpersonal relationships to mass media, from political campaigns to social movements; how the concepts of sex, gender, and sexuality affect and are affected by human communication; and how these concepts have been defined and applied with respect to various social issues, both domestically and internationally.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUC119 Non-Verbal Communication

3 credits; 3 hours

This course introduces students to basic concepts and theories of non-verbal communication. Topics include haptics, proxemics and chronemics with an introduction to quantitative/qualitative research methods. Students learn to identify and analyze communication patterns and their effects on the verbal content of interaction. Students develop skills and awareness of how non-verbal communication impacts their lives and are exposed to research in the field while engaging in an undergraduate research project.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUC140 Introduction to Broadcasting

3 credits; 3 hours

This course will provide students with an introduction to the history of Radio and TV, with an emphasis on major facets of electronic media, including networks, legal aspects and government regulations, cable and satellite ratings and programming. Guest lecturers and field trips as well as hands-on work at the College Radio Station will enhance the experience.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUC141 Public Relations

3 credits; 3 hours

This course will familiarize students with a basic understanding of the dynamic field of public relations. Students will examine the history, theory, ethics, planning, evaluation, analysis and global trends of public relations.

Prerequisite: HUC101, HUC106

HUC142 Public Relations Writing

3 credits; 3 hours

This course examines public relations and teaches skills necessary to design, implement and manage public relations campaigns from a written-communications perspective. There is an emphasis on decision-making procedures and the application of clearly written and appropriately targeted communications to PR-related business and civic issues. The primary objective is to generate a holistic understanding of what public relations writing is and how the field can evolve or change into different modalities.

Prerequisite: HUC141

HUC143 Public Relations Campaign

3 credits; 3 hours

This course examines public relations and teaches skills necessary to create, implement and manage public relations campaigns. There is an emphasis on research, strategy, writing and analysis of public relations campaigns. The main objective is to generate a comprehensive understanding of how to design a professional public relations campaign from its inception to the analysis of the completed campaign.

Prerequisite: HUC141

HUC151 Organizational Communication

3 credits; 4 hours

This course offers an overview of organizational communication. It provides a survey of communication-based

perspectives on organizational topics such as structure, rationality, management, culture, identity, networks, systems, power, leadership, branding, and globalization. Organizational communication is a discipline embracing a wide range of perspectives, and this course offers an important window of understanding communication perspectives in the dominant forms of contemporary social life -- the organization.

Prerequisite: HUC101, HUC106

HUC192 Health Communication

3 credits; 3 hours

This course provides an overview of health communication. Topics include how health communication is used at the individual, group and community levels to promote consumption of goods and services. The impact of communication on health outcomes will be reviewed in addition to include theory and research on the role of communication in health literacy and behavior, and communication among diverse populations.

Prerequisite: MAT096

Pre-or Corequisite: ENA/ENC/ENG101

HUC220 Experiential Learning in Communication Studies

3 credits; 3 hours

This course will provide students with an experience-based learning opportunity. In collaboration with and under the direction of a Communication Studies faculty member, students will use their content-based knowledge and skills from the program to design and complete a major scholarly project with the intent to present, exhibit, publish, or otherwise make the outcome available.

Prerequisite: ENA/ENC/ENG101, HUC111

HUC230 Communication Theory

3 credits; 3 hours

This course is an advanced level course in the history, practical application, and critique of various theories that explain the nature and dynamics of communication phenomena. Theories from interpersonal, group/organizational, rhetorical, mass and cultural communication will be explored. Students will gain an understanding of key theories, experience in reading research journals and practical application of theory to communication phenomena.

Prerequisite: ENA/ENC/ENG101, HUC101, HUC106

HUL100 Communication and the Non-Native Speaker

3 credits; 4 hours

This course is designed to help the student develop facility with English when it is not his or her native language. It is especially designed to provide students with insight into interpersonal relations in various cultural settings. Course content will include communication theory, interpersonal skills in both verbal and non-verbal communication, and reinforcement of oral language skills. Students will survey the sound system for Standard English, learn listening skills, and self-corrections for pronunciation and grammar.

Pre- or Corequisite: ESL099

HUL110 Group Communication for Non-Native Speakers*3 credits; 3 hours*

This course is designed to help students who are not native speakers of English develop their oral communication skills in a group setting. Integrating language, content and culture, students will carry out a variety of tasks requiring them to process and produce academic language. Students will become familiar with effective styles of group leadership and participation. Other topics include listening in groups, decision making, problem solving, agenda setting, conflict resolution, research methods and presentation techniques.

*Prerequisite: HUL100***Visual Arts****Art Appreciation****HUA101 Introduction to Art***3 credits; 3 hours*

This course is designed to develop the students' ability "to see," while it examines the fundamental nature, meaning, and humanistic value of art. Attention will be given to an examination of the creative process and to the role of the spectator as an active participant in the understanding of art. Relevant readings will be discussed in relation to specific works of art. The function of basic compositional elements will be examined. Museum visits are required.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101***HUA294 Experiential Learning in the Fine Arts***3 credits; 3 hours*

Experiential Learning in the Fine Arts provides students with an experience-based learning opportunity with a Fine Arts faculty member. Students, with faculty guidance, design and develop a major creative project for exhibition or for other ways of sharing project outcomes

*Prerequisite: MAT096**Pre-or Corequisite: HUA203, HUA210, HUA230***Art History****HUA165 Art History: Prehistoric Through Gothic***3 credits; 3 hours*

This survey of art from pre-history to the late Middle Ages builds visual understanding through close study of individual works of art in various media, including painting, sculpture and architecture. Connections between art works and their cultural contexts are emphasized, as are the cross-cultural exchanges which have enriched the diverse artistic traditions of Europe and the Americas. Museum visits are required.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101***HUA166 Art History: Renaissance Through Modern***3 credits; 3 hours*

This survey of art from the Renaissance to the present builds visual understanding through close study of individual works of art in various media, including painting, sculpture, architecture, and photography. Connections between art works and their cultural contexts are emphasized, as are the cross-cultural exchanges which have enriched the diverse artistic traditions of Europe and the Americas. Museum visits are required.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101***HUA167 Introduction to African Art***3 credits; 3 hours*

This course will explore various styles — primarily from Western Africa — including urban, rural, and royal works of art. The main emphasis of the course will be the way these works of art have been and continue to be used in everyday activities and their importance in community life. Contact and cross influences with Islam, Europe and the Americas will be discussed. Two museum trips are required.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101***HUA191 The Art of Eastern Asia***3 credits; 3 hours*

A comparative study of the artistic traditions of India, China, and Japan, from their Stone Age beginnings to recent trends. The class will focus on the visual relationship of works of art to Confucianism, Buddhism, Kami-no-michi, and Taoism.

*Prerequisite: MAT095**Pre-corequisite: ENC/G101***HUA200 Art of the Twentieth Century***3 credits; 3 hours*

This course explores the history of various styles and forms of Western painting and sculpture from the Impressionist period to the present. Such diverse styles of modern art as Cubism, Dada and Surrealism, Expressionism and the more recent styles of Pop and Conceptual Art will be examined and discussed.

Consideration will be given to the understanding of abstract and non-objective art as well as the influences which African and Eastern art have had on the development of modern art styles. Illustrated with slides. Museum visits are required.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101***HUA215 Art of the Renaissance in Italy***3 credits; 3 hours*

The painting, sculpture and architecture of Renaissance Italy will be examined for humanistic content as well as for the visual qualities of composition, style and technique. Works of art will be discussed within the historical context of the Renaissance. Such renowned works as Michelangelo's Sistine Ceiling and Leonardo's Last Supper will be compared to earlier styles. Renaissance art as a foundation of modernism will also be discussed.

*Prerequisite: CSE099**Pre- or Corequisite: ENA/ENC/ENG101*

HUA285 Graphic Narrative*3 credits; 3 hours*

This course further develops the students' drawing & design drawing skills, and introduces them to the interaction of visual/imagery and verbal themes. Students will develop individual portfolios in specific sequential art fields, e.g., book illustration, comics, the graphic novel and editorial illustration. Class lectures and related reading will focus on the highlights of classic to contemporary illustration and graphic narratives.

Prerequisite: HUA103 or HUA104 or HUA180

HUA289 Art and Design Seminar*3 credits; 3 hours*

Students will engage in self-directed research in the form of written, and creative projects specific to their discipline: Fine Art, Design Art History, or Graphic Illustration. These projects will develop in consultation with the Instructor. Students will develop oral and visual presentations, and participate in class critiques. Art majors will finalize their portfolios, and ePortfolios, made up of representative examples of studio work. As the capstone course in art, this workshop is both writing and reading intensive.

Pre- or Corequisite: Any intermediate studio art course:

HUA126, HUA166, HUA203, HUA207, HUA210, HUA220, HUA230, HUA285

Computer Art

HUA125 Introduction to Computer Art*3 credits; 3 hours (2 lecture, 1 lab)*

This course provides an introduction to all phases of computer graphics applications, including draft and paint modes, fills, textures, brushes, graphic tools and color blending through exercises in drawing, painting, graphic design, illustration and advertising techniques. Electronic publishing and software design will also be presented through field trips and videotapes. Students will have hands-on experience with microcomputers utilizing graphics, draw and paint software programs. No previous experience with computers or graphics is necessary.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

HUA126 Computer Art 2*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a higher level extension of Computer Art I (HUA125). Through a deeper examination of visual design and graphics software principles students will solve more challenging graphic and product design problems. Both Mac and Windows OS's will be utilized in order to explore their relationship and synergy. Field trips to museums and design studios. ePortfolio will be employed.

Prerequisite: HUA125

HUA127 Computer Art 3*3 credits; 4 hours (3 lecture, 1 lab)*

This course is a high-level continuation of Computer Art 2 (HUA126) and will focus on more sophisticated graphic design problems utilizing visual design principles. Students will examine more advanced levels of QuarkXPress, Photoshop, and Illustrator. Both Mac and Windows operating systems will be examined. Students will be introduced to the animation programs, Flash, AfterEffects, and Dreamweaver as used in website design. Field trips are designed to increase the students' understanding of the workings of this dynamic and rapidly changing field. Students will produce a portfolio of original design in both "hard" and "soft" media.

Prerequisite: HUA126

Design

HUA107 Form and Structure*3 credits; 3 hours*

This course will study the structural logic found in nature and how it relates to a man-made objects based on observation. Class projects will be creative interpretations in both two and three dimensions and will include an introduction to drawing and model building techniques. Drawing methods based on sighting, perspective and proportion will be taught so that what is seen can be drawn and interpreted accurately. The relationship between concept, structure, form and its function will be explored.

Prerequisite: HUA103

HUA207 Modelmaking I*3 credits; 3 hours*

This is a hands-on course in how an idea is developed from a sketch to a fully realized prototype model. Fabrication strategies for overcoming material limitations and exploiting their strengths will be emphasized. In addition, students will be expected to control and critique their ideas, as well as develop a professional approach to craftsmanship and communicating those ideas. Industrial design as related to architecture and interior and product design will be introduced. Industry standard software, such as Photoshop and Adobe Illustrator, will be utilized in this course.

Prerequisite: HUA106

HUA212 History of Design*3 credits; 3 hours*

This is an introduction to the history of design as a major independent element of visual arts, and the ways in which intentionally produced objects, environments and experiences both shape and reflect their historical moment. The course will investigate how good design is expressed in architecture, household objects, crafts, tools and transportation. Emphasis will be placed on the importance of social, political and cultural factors and the role they play in how objects and structures are made, and why they look the way they do. Museum visits will be required.

Film and Media

HUC120 Mass Media and Their Evolution

3 credits; 3 hours

This course traces the historical development of such mass media as radio, television, newspapers, recordings and film, and examines the functions and limitations of each medium. Special attention is given both to the role of mass communication in reflecting and projecting society, and to the form and functions of mass media systems of the future.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUC130 Mass Communication and Society

3 credits; 3 hours

This course critically analyzes selected issues in mass communication. Possible topics include: media violence and pornography; media stereotyping; comics and political cartoons; hidden persuaders; editorial policies; media bias; censorship; press freedom and responsibility. Students projects may vary each term.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101; HUC120 recommended but not required.

HUC150 The Art of Film

3 credits; 4 hours

This course introduces students to film theory, criticism, and aesthetics. Screenings represent major movements in world cinema, considered in relation to their diverse cultural contexts. Students analyze differences between film styles, such as expressionism, montage, realism, and modernism. Topics include the notion of "truth" in cinema, the digital revolution, and globalization. Students are introduced to critical models that are used to discriminate between "good" films and "bad" films.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUC165 Film and the Supernatural

3 credits; 4 hours

This course will explore major films which have reflected and helped to define the concept of "supernatural horror" in Western culture. The films will be related to the themes in folklore and fiction that inspired their scripts. Students will learn to identify the basic themes in supernatural film and fiction and will acquire the basic methodology required to analyze these films as unconscious reflections and/or semi-unconscious projections of archetypal fears. The student should expect to pay for film screenings.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUC/ENG238 Screenwriting

3 credits; 3 hours

This is a course in the art and craft of writing a fictional narrative for the screen. Screenwriting genres and applications vary widely, yet every one reaches its audience through storytelling. Students examine the ways cinematic narratives show, rather than tell. Students then create their own 10-minute movie script. They explore scene and act structure, character development, dialogue, description, etc. Students learn

professional standards for writing for the screen and how to use screenplay software.

Prerequisite: ENA/ENG/ENG101

HUC240 Video Production Workshop

3 credits; 4 hours

This course introduces the student to the theory, vocabulary, and production techniques of the video medium. Students, functioning as a production team, create, and produce short video projects during the session which culminate in a final production created, organized, and produced by the class.

Students are assigned, on a rotating basis, specific production roles such as director, switcher, camera operator, floor manager, audio technician, production assistant or VCR operator. Projects vary from term to term as deemed appropriate by the instructor.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

HUC241 Video Production Workshop II

3 credits; 4 hours

HUC241 gives students the opportunity to produce individual video projects which may serve as a "reel" for transfer or for employment in crafts and creative positions in production. The emphasis is on production of image and sound. Students learn standard formats such as narrative, documentary, music video and TV commercials, and learn how to use the tools and techniques of video production to express their personal visions. Students apply established models for continuity editing and the principles of montage. Students and faculty participate in critical analysis of students' work-in-progress and finished projects.

Prerequisite: HUC240

Pre- or Corequisite: HUC150

HUC242 Postproduction: Effects, Color, Audio

3 credits; 4 hours

This course builds on the foundation of DV production and non-linear editing offered in Video Production I, and focuses on special effects, color correction, and digital audio editing. Students utilize more advanced tools and techniques of post-production, such as Adobe After Effects (compositing with green screen, 2D & 3D graphics animation), SpeedGrade (color correction), and Audition (noise reduction). A final short-form video expressively integrates content creation and digital technology.

Prerequisite: HUC240, MAT096

HUC270 American Film

3 credits; 4 hours

This course is a survey of artistic, technological and industrial development of cinema in America. The films screened are representative of major developments in American film history: technological, aesthetic, industrial and socio-cultural. Through readings and screenings, the student considers such topics as: major genres that reflect and project American attitudes and values, the work of the great American film artists, and the role of films by Black Americans.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUC/ENG272 Literature and Film*3 credits; 4 hours*

This course studies the similarities and differences between literature and film. By comparing and contrasting literary works (complete and excerpts) with films, the course illuminates the methods, structures and contents of the two media, as well as their interrelationship. Writers to be considered may include Shakespeare, Keats, Dickens, Dickinson, Wright, and West; films to be viewed may include those made by Griffith, Chaplin, Riefenstahl, Flaherty and Resnais.

Prerequisite: CSE099, ENG102, HUC150 or HUC270

HUC275 American Film Comedy*3 credits; 4 hours*

This course surveys American film comedy through the study of comic performers and comic styles of filmmaking. It explores such areas as the difference between physical and verbal comedy and why we laugh at slapstick. The course includes in-class screenings and discussions. Contributions by comedians from a variety of ethnic backgrounds are highlighted. Suggested comic artists include Charlie Chaplin, Bill Cosby, W.C. Fields, the Marx Brothers and Mae West. The student should expect to pay for film screenings.

Prerequisite: CSE099, ENA/ENC/ENG101

Photography

HUA121 21st Century Photography*3 credits; 3 hours*

This course is a consideration of photography in the digital age. Student will study photography as a force in art, identity, commerce and technological literacy. Readings, lectures and discussions will include: societal fascination with images past and present, ethics of image editing and manipulation, propaganda and truth, the production of self, image makers verses image consumers, and authorship/sharing online. Students must have a digital camera or camera-phone for basic exercises in photography.

Prerequisite: ENA/ENC/ENG101

HUA130 Beginning Photography*3 credits; 4 hours (1 lecture, 3 labs)*

This course is an introduction to photography covering the 35 mm camera, lighting, exposure, processing, printing, film scanning and basic Photoshop techniques. The creative use of photographic techniques as they relate to individual expression will be considered. Special projects and a final portfolio are required. Students must have a manually operated 35mm camera and should expect to pay for additional materials for this course. Beginning Photography is a hybrid of analog and digital techniques.

Pre- or Corequisite: MAT095, ESL099/ESR099

Note: An additional hour of lab is required per week so that students may practice technique in the darkroom. Proficiency in basic photography developing and printing is the goal of this scheduling. The additional lab hour is supervised by a college technician.

HUA131 Digital Photography I*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to introduce students to the hardware and software utilized in capturing digital images (i.e., input). It will include use of digital cameras, analog cameras, scanners, and the downloading of images from the Internet. Students will be introduced to software such as Adobe Photoshop and QuarkXPress, and they will explore their interface with the Macintosh and Windows operating systems. A portfolio presented in "soft" media form will be created.

Prerequisite: HUA130

Pre- or Corequisite: HUA125

HUA145 Studio Lighting*3 credits; 4 hours (3 lecture, 1 lab)*

This course introduces the students to studio photography. Professional equipment, including the 4 x 5 view camera, 35mm camera, and studio tungsten lighting, will be utilized. Basic studio lighting techniques will be addressed in "table top" (still life) situations. Most assignments will be in black & white; students' ability to produce commercial-quality black-&-white negatives and prints will be emphasized. Students must have a 35mm camera, and should expect to pay for additional materials for this course. *Prerequisite: HUA230*

HUA155 The View Camera, Large Format Photography*3 credits; 4 hours (3 lecture, 1 lab)*

Instruction and practice in the operation and use of the view camera and its equipment including: lenses, swings, tilts, perspective control and correction, and enlarging and printing large format negatives will be provided. Students will work primarily with the 4" x 5", and receive experience with the 8" x 10", and learn how the view camera is used in architecture, studio photography and for flatwork. Students should expect to pay for additional materials, equipment and supplies.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, HUA130

HUA202 History of Photography*3 credits; 3 hours*

This course will examine the development of photography as an art form. Beginning with the introduction of the camera in the 19th century, the course will focus on early photographic experimentation and its effects on painting. Accordingly, students will then be introduced to the work of great photographers from Nadar to Stieglitz, and to the effects of their work on the development and refinement of the photographic form. An overview of photography in the modern age will conclude the course. *Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101*

HUA230 Intermediate Photography*3 credits; 4 hours (1 lecture, 3 lab)*

An intermediate course in photographic instruction, darkroom technique and aesthetics. Students will be exposed to classic examples of photojournalism, and instructed in appropriate techniques in each area. Students will begin to build a portfolio in a chosen area. Each person will be expected to have a camera. *Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, HUA130*

HUA231 Digital Photography II*3 credits; 4 hours (3 lecture, 1 lab)*

This course is an extension of Digital Photography I, focusing primarily on the software and some hardware required for the output of digital images. Adobe Photoshop and QuarkXPress are the software that will be emphasized. Adobe Illustrator will also be introduced and some output devices such as inkjet and laser printers will be explored. Storage media such as the writeable CD, DVD and the ZIP disk will serve as “working portfolios” from which the final portfolio of manipulated digital images will be printed.

*Pre- or Corequisite: HUA131***HUA234 Color Photography***3 credits; 4 hours (2 lecture, 2 lab)*

This course covers the theory and use of color film and digital capture as they apply to color photography. The psychological and aesthetic effects of color will be investigated, and the student will learn to manipulate color through an understanding of various light sources, the use of filters and white balance. The student will learn how to operate the Dichroic color enlarger to create and color correct prints. Students must have a 35 mm camera and should expect to pay for additional materials for this course.

*Prerequisite: HUA230**Corequisite: HUA235***HUA235 Color Darkroom Techniques***3 credits; 4 hours (1 lecture, 3 lab)*

This course covers the processing of positive photographic film (slides) and color photographic papers (prints). Chemical processes and photographic emulsions will be described and utilized. The student will learn how to operate the dichroic color enlarger and the universal film and print processor. This course is offered in conjunction with Color Photography. Students should expect to pay for additional materials for this course.

*Prerequisite: HUA230, Corequisite: HUA234***HUA238 Alternative Photography: The Manipulated Image***3 credits; 4 hours (3 lecture, 1 lab)*

This course explores a variety of alternative photographic processes and manipulated imagery techniques such as hand-coloring and gum bichromate printing. The incorporation of these processes with collage, printing, drawing, and photographic darkroom techniques, solarization, negative sandwiching and rayogramming will be taught. Students will utilize these techniques in a series of assignments. There will be a gallery/museum trip, a paper and presentations by professional photographers. Student should expect to pay for additional materials for this course.

*Prerequisite: HUA104, HUA130***HUA245 Studio Lighting II***3 credits; 4 hours (3 lecture, 1 lab)*

This course introduces the students to techniques in portraiture and fashion photography using electronic flash. Students will continue “tabletop” photography using the 4x5 view camera. Assignments will be in black-and-white as well as color;

emphasis will be placed on exposure of color transparency film with tungsten and flash illumination. A unit in architectural photography is included. Students must have 35mm equipment and should expect to pay for additional materials for this course.

*Prerequisite: HUA145***HUA275 Commercial Photography Workshop***3 credits; 4 hours (2 lecture, 2 lab)*

This is the most advanced course in the Commercial Photography curriculum. The student will explore and analyze the creative and logistic problems encountered during all stages of a commercial photography assignment. Using standard pre- and post-production procedures, as well as photographic techniques learned in previous classes, the student will produce three photographic projects consisting of 5 to 10 images for each. Students should expect to pay for additional materials for this course.

*Prerequisite: ENA/ENC/ENG101, HUA245***HUA280 Commercial Photography Seminar***3 credits; 3 hours*

This course introduces the students to the day-to-day operations and business practices of the photographic industry. The professional responsibilities of photographers and photographers' assistants will be explored in detail. Commercial self-promotion, including the creation of an appropriate portfolio, business card, and resume will be covered. The business, legal, and ethical dimensions of everyday activities within the industry will be discussed.

*Prerequisite: ENA/ENC/ENG101, HUA145, HUA230***Studio Art****HUA103 Beginning Drawing***3 credits; 3 hours*

This course is an introduction to drawing through basic examination of the visual fundamentals of line, texture, value, space, and form. Problems in descriptive drawing will be explored. There will be individual and group criticism. Sketchbooks are required.

*Pre- or Corequisite: ESL099/ESR099***HUA104 Introduction to Design***3 credits; 3 hours*

This course is an introduction to the fundamentals of design through an investigation of visual elements such as line, shape, and composition. Students will develop designs in two-dimensional form. The design principles will be discussed and illustrated as they relate to a number of visual arts forms.

*Prerequisite: CSE099**Pre- or Corequisite: ESL099/ESR099*

HUA106 Three-Dimensional Design*3 credits; 3 hours*

This course examines the principles of three-dimensional design. Students will develop individual designs based on formal elements such as line, shape, mass and volume. Techniques in construction and carving will be demonstrated and developed in plaster, wood, cardboard and metal. *Prerequisite: CSE099*
Pre- or Corequisite: ENA/ENG099, ESA099, ENA/ENC101, MAT095

HUA110 Beginning Painting*3 credits; 3 hours*

This course is an introduction to painting techniques related to landscape, still life, and abstract composition. Emphasis will be on color expression and color mixing. There will be individual and group critiques.
Pre- or Corequisite: ESL099/ESR099

HUA115 Color Theory*3 credits; 3 hours*

This course is an introduction to the theory and application of color in two-dimensional design. The basic principles of design will be demonstrated in relation to the interaction of colors. Students will develop two-dimensional designs through techniques in color mixing and collage.
Pre- or Corequisite: ENA/ENG099, ESA099, ENA/ENC101, MAT095

HUA120 Beginning Sculpture*3 credits; 3 hours*

Problems in three-dimensional form will be examined through projects in clay and plaster. There will be group and individual criticism.
Pre- or Corequisite: ESL099/ESR099

HUA180 Life Drawing*3 credits; 3 hours*

This course is an introduction to drawing the human figure. Techniques in line and value and proportion will be developed. Textbook readings, studies in human anatomy, and sketchbooks will be required.
Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

HUA185 Illustration*3 credits; 3 hours*

This course examines the interrelation of visual imagery and verbal themes. Students will develop individual portfolios as they solve illustration problems focused on the abstract, formal elements and representational imagery. Such media as watercolor, pen-and-ink and pastel will be explored. Class lectures and related readings will focus on the history of illustration.
Prerequisite: HUA103

HUA190 Technical Drawing*3 credits; 3 hours*

This drawing course is designed to meet the needs of both art and pre-engineering students. It begins with the concept that technical drawing is a communicative tool and proceeds to

explore the major areas of drafting. Students taking this course will develop a proficiency in multi-view projection and pictorial drawing by learning the proper use of basic drafting equipment.
Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

HUA203 Intermediate Drawing*3 credits; 3 hours*

This course further explores the drawing techniques established in Beginning Drawing. Students will concentrate on drawing objects and spaces from life and from the imagination. Individual drawing assignments and the development of a final portfolio and sketchbook will be emphasized. Fields trips are usually required. Instead of a textbook, students should expect to pay for art supplies for this course.
Prerequisite: HUA103

HUA210 Intermediate Painting*3 credits; 3 hours*

This course is a continuation of the investigations of landscape and still life and their implicit abstract qualities. A special emphasis will be placed on the function of surface, color saturation, scale and multiple relations in contemporary painting. Projects will include finished paintings and sketchbooks. Studio projects will be analyzed and evaluated.
Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, HUA110

HUA220 Intermediate Sculpture*3 credits; 3 hours*

This course is a continuation of problems in three-dimensional form related to the human figure, portraiture and their abstract qualities. Emphasis will be placed on individual expression and the development of technical skills in plaster and clay.
Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, HUA120

Urban Study Courses**HUN/SSN180 Introduction to Intercultural Communication***3 credits; 3 hours*

The course introduces students to the dynamics of intercultural communications and enables them to communicate more effectively in multicultural settings. Through field trips, cultural research and role plays, students develop the skills needed to look objectively at other cultures. Using New York City as a laboratory, they gain experience identifying and analyzing dominant cultural patterns, thus improving their ability to understand the often perplexing behavior of people from cultures other than our own.

Prerequisite: ENA/ENC/ENG101, HUC101, and one Social Science elective from the list on page 193.

This is a Writing Intensive course.

HUN191 Photojournalism: An Introduction*3 credits; 3 hours*

This course will explore photography as a journalistic tool, emphasizing the photograph as a recorder of newsworthy

events. Students will be given assignments to use the photo-document as a narrative tool. The use of text as a complement to the images will be explored. The primary focus of investigation will be the multi-cultural urban center of New York City. Shooting assignments, field trips, a research paper, additional writing assignments required. 35mm camera or digital camera, additional materials required.

Prerequisite: HUA130

Pre- or Corequisite: ENA/ENC/ENG101

This is a Writing Intensive course.

HUN192 Art and Society

3 credits; 3 hours

This course examines the relationships among various art forms and the societies out of which they arise. The focus is to establish the connection between the human drive to create and the social attitudes which influence that creation and provide it with a context. Using the rich cultural resources of New York City, students will have the opportunity to explore characteristics and functions of art in other historical and cultural settings. Field trips to various art institutes in the city will constitute a significant part of this course.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

This is a Writing Intensive course.

HUN195 Art in New York: A Museum/Gallery Seminar

3 credits; 3 hours

Through first-hand experience using the museums, galleries, critics, and collectors of New York City, students will examine the form and content of a multicultural range of painting, drawing, outsider art, craft, and sculpture. Museum and gallery visits, as well as a visit to a working artist's studio, will comprise major portions of this course. The class will discuss and write about the exhibits to explore the nature of art criticism.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

This is a Writing Intensive course.

HUN196 Film and New York City

3 credits; 4 hours

This course analyzes the various cultural, historical, ethnic, class, and artistic dimensions of New York in feature films such as *Musketeers of Pig Alley*, *Hester Street* and *Do the Right Thing*, as well as in selected documentary and experimental films.

The course also situates New York City within the corporate production and exhibition histories of American film. Particular attention is given to films produced in New York over the last two decades and the images of the city they project.

Prerequisite: ENA/ENC/ENG101

This is a Writing Intensive course.

HUN245 The New York Theatre Experience

3 credits; 4 hours

(3 lectures, 1 lab; out-of-class theatre experience)

This course involves the study of current professional and semi-professional theatre in New York City. Students will be required to attend a series of Broadway, Off Broadway, and Off Off Broadway plays in order to compare their content, underlying aesthetic concepts and production techniques. (Plays may be

seen on weekday evenings or weekend/weekday matinees.)

Students should expect to pay for theatre tickets, tours, lectures, and workshops with theatre professionals and post-performance discussions.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

This is a Writing Intensive course.

Liberal Arts Departments

Education and Language Acquisition; English; Humanities; Mathematics, Engineering and Computer Science; Natural Sciences; and Social Science Departments

Liberal Arts Seminars

LIF101 First Year Seminar for Liberal Arts: Social Science and Humanities

3 credits; 4 hours (3 classroom, 1 lab)

The First Year Seminar is required of all new students majoring in Liberal Arts: Social Science and Humanities. Its goals are to introduce students to the liberal arts, help students transition to campus culture, develop a better understanding of the learning process, and acquire essential academic skills. Taught by liberal arts faculty and supported by peers, advisors, co-curricular professionals, this course addresses issues related to contemporary college life and majors within liberal arts.

LMF101 First Year Seminar for Liberal Arts: Math & Science

3 credits; 4 hours (3 classroom, 1 lab)

The First Year Seminar is required of all new students majoring in Liberal Arts: Math and Science. Its goals are to introduce students to the disciplines of Mathematics and Science, and to help students transition to campus culture, develop a better understanding of the learning process, and acquire essential academic skills. Taught by math and science faculty and supported by peers, advisors, and co-curricular professionals, this course addresses issues related to contemporary college life and the major.

LIB110 Integrating Seminar: Liberal Arts Cluster

1 credit; 1 hour

This one-hour integrating seminar will be used to tie together the content material of the Liberal Arts Cluster. Class time will be spent exploring connections and thematic links introduced in the cluster classes. Instructional methods may include small group work, discussion, media presentations, field trips, and guest speakers. Information regarding the introductory clusters may be found in the Liberal Arts Advisement Handbook.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, and prerequisites of courses in cluster to which LIB110 is assigned. Note: Not required for students who have passed ENA/ENC/ENG101.

LIB200 Humanism, Science and Technology*3 credits; 3 hours*

The Liberal Arts Seminar explores aspects of the relationship between humanism, science and technology. Students apply knowledge and critical strategies developed in other courses to significant contemporary and historical issues. The Seminar draws on texts from the Humanities, Arts, Social Sciences and Sciences as students explore ways developments in science and technology contribute to abuses as well as advances in civilizations. Students also reflect on the responsibilities of citizenship in a diverse society. As a capstone course, this seminar is designated writing-intensive.

Prerequisite: MAT096, ENG102, ENG103, and 33 credits

Note: ENG103 is waived for Fine Arts (S11) majors only.

This is a Writing Intensive course.

Library Media Resources Center

Room E101 (718) 482-5426

Instruction in the use of library resources is a regular part of LaGuardia's educational program. Library faculty and classroom instructors arrange integrated lessons in which library presentations are tied in with class assignments to aid students in successfully completing their course work.

Department Faculty

Steven Ovadia, Acting Chief Librarian; Dianne Gordon Conyers, Francine Egger-Sider, Louise Fluk, Silvia Lu Hanick, Juan Hurtado, Elizabeth Jardine, Charles Keyes, Galina Letnikova, Clementine Lewis, Ann Matsuuchi, Ian McDermott, Chris McHale, Eric Moy, Steven Ovadia, Alexandra Rojas, Catherine Stern, Scott White

LRC102 Information Strategies*3 credits; 3 hours*

This course is an introduction to the nature and use of information and information sources for study and problem-solving. Students will identify information needs and pose viable research questions; plan research strategies; access materials online and in person, in libraries and on the Internet; evaluate material found; and address ethical, legal, and socio-economic issues of the information age.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

Pre- or Corequisite: MAT096

LRC103 Internet Research Strategies*1 credit; 1 hour*

This course is an introduction to the fundamentals of information studies. This course will teach the analytical thinking, problem-solving, and information literacy skills necessary for academic research and digital citizenship. Areas covered include an overview of the development of the internet, structure and function of information resources, and ethical, legal, political, and social-economic issues of the information age.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

LRC104, Information in a Globalizing World*2 credits; 2 hours*

The growing interconnectedness of the world and the pervasiveness of the Internet have created an ease of access to all types of global information sources. In an international context of often contradictory opinions and ideas, retrieval and evaluation of information have become more complex. This course will teach students how to access and to evaluate information critically in order to engage with diverse perspectives of 21st century global issues.

Prerequisite: ENA/ENC/ENG101

LBN105 InfoCity: Informed Citizens in the Information Age*3 credits; 3 hours*

The course explores how information is produced, organized, and distributed in the United States. Students learn research methods through the examination of New York City and federal data. Students learn to find, evaluate, and document text and multimedia for problem solving, inquiry and analysis. The class studies the socioeconomic, political, ethical and legal issues of information production, distribution, and usage in the United States, supported by field trips to government facilities.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

Pre-co requisite: MAT096

This is a Writing Intensive course

Mathematics, Engineering and Computer Science Department

Room E218 (718) 482-5710

The Mathematics Department offers a great variety of courses to students at all levels: from basic arithmetic and algebra to linear algebra, calculus and differential equations. From these courses, students gain skills and confidence for advanced work while learning to apply their course work to other disciplines.

Department Faculty

Abderrazak Belkharraz, Chairperson; Mercedes Acosta, Prabha Betne, Nana Osei Bonsu, Dmitriy Chebanov, Tao Chen, Steve Cosares, Gordon Crandall, Milena Cuellar, Marina Dedlovskaya, Walter DeLaTorre, Hendrick Delcham, Abdou Drame, Hassan El Houari, Abdellah Ait Elmouden, Reginald Eze, Jeanne Funk, Anthony Giangrasso, Luis Gonzalez, Nader Goubbran, Kamal Hajallie, Yasser Hassebo, Omar Ait Hellal, Glenn Henshaw, Alejandro Ibanez, Jerry Ianni, Reem Jaafar, Abdelhamid Kadik, Praveen Khethavath, Alioune Khoule, Mangala Kothari, Bo Li, Mahdi Majidi-Zolbanin, Malgorzata Marciniak, Rudy Meangru, Gerald Meyer, Natalia Mosina, Lawrence Muller, Marina Nechayeva, Muath Obaidat, David Peled, Jorge Perez, Norman Perlmutter, Yvonne Powell, Zahidur Rahman, Luis Rizo, Andi Toce, Yvens Valere, Lakshmi Iswara Chandra Vidyasagar, Frank Wang, Paul West, Dong Wook Won, Gene Yao, Yun Ye, Shenglan Yuan, Svetoslav Zahariev

ECF090 First Year Seminar for Engineering and Computer Science

0 credits; 1 hour

This First Year Seminar is for all new students intending to major in engineering and computer science. Students in these programs are required to take this course in order to learn the skills needed to acclimate to campus culture, develop a clear understanding of the learning process, and acquire the skills and habits of mind essential to an informed study of the discipline.

Computer Courses

MAC101 Introduction to Computer Science

3 credits; 4 hours (3 lecture, 1 lab)

In this first course in the computer science program, emphasis will be placed on algorithmic design. Basic concepts such as selection statements, loops, character strings, arrays, pointers and file processing will be taught. Students will be required to write several programs in an appropriate language.

Prerequisite: CSE099, MAT200

Pre- or Corequisite: ENA/ENG099, ESA099, ENA/ENC101

MAC102 C++ for Engineers

3 credits; 5 hours

This course introduces students to the structure and operation of a computer, concepts and properties of an algorithm and a programming language, and the principles and practice of programming in the C/C++ programming language. The topics of study include data types, control structures, functions, recursion, arrays, parameter passing, pointers, strings, structures, classes, overloading, and file processing.

Prerequisite: MAT200

MAC105 Objective C Programming

3 credits; 3 hours

This course familiarizes students with important features of Objective-C, an object-oriented language based on the C programming language that is used to develop applications for Mac, iPhone, and iPad platforms. Topics include data types, expressions, and control of flow; classes, objects and methods; inheritance and polymorphism; C language features, such as arrays and functions; foundation framework, including number, strings, and collections; memory management; and Cocoa framework.

Prerequisite: MAC101 or MAC102

MAC109 Introduction to Visual C# Programming

3 credits; 4 hours (3 lecture, 1 lab)

This course introduces programming concepts that include object-oriented design and GUI development. Software creation using a visual IDE and an object-oriented language such as Visual C# is featured. Various programming constructs such as loops, conditional statements, arithmetic and logic operations, objects, and features appropriate for use in modern application development are explored.

Prerequisite: MAC101

MAC110 Systems Analysis and Design

3 credits; 4 hours (3 lecture, 1 lab)

This course provides an introduction to Systems Analysis and Design. Topics include analyzing business cases, requirements modeling, data and process modeling, and developmental strategies with a focus on object-oriented modeling and project management. Students also explore user interface (UI) design, data design, systems architecture and implementation, and systems operation, support, maintenance and security.

Prerequisite: ENA/ENC/ENG101, MAC109

MAC120 Introduction to Mobile Application Development

3 credits; 3 hours

This course will provide students with an understanding of the theory and skills required to design and develop applications for mobile devices. Topics include an overview of the mobile application development life-cycle, related issues and considerations, specific issues pertaining to public and enterprise distribution, mobile interfaces design, and building basic applications using both iOS SDK and Android SDK.

Prerequisite: MAC101

MAC125 Advanced C/C++ Programming

3 credits; 4 hours (3 lecture, 1 lab)

This course presents object-oriented algorithmic problem solving using C++. Topics include pointers and pointer arithmetic, linked lists, memory management, recursion, operator overloading, inheritance and polymorphism, stream and file I/O, exceptions and exception handling, templates and STL, applications of simple data structures and testing and debugging techniques.

Prerequisite: MAC101

MAC190 Object-Oriented Programming

4 credits; 5 hours (4 lecture, 1 lab)

This is the second programming course in the Computer Science Program. The focus of the course will be object-oriented programming. Topics include constructors, superclasses, subclasses, strings, graphics, threads, polygons, inheritance, composition and method overloading. Writing programs to implement user defined classes will be required.

Prerequisite: MAC101

Pre- or Corequisite: MAT200 or MAT241

MAC195 Structured Programming with COBOL

4 credits; 6 hours (4 lecture, 2 lab)

Algorithms discussed in this introductory course will be coded in COBOL. A structured approach will be stressed in the analysis of control break logic, sequential file updates, random file processing, ISAM programs, table handling and subprogram linkage.

Prerequisite: BTC100 or BTC101 or MAC101

MAC196 BASIC Assembler Language for Computer Science

5 credits; 6 hours (4 lecture, 2 lab)

This course is designed as a complete course in Assembler Language programming covering macros, conditional assembly, and privileged instructions. Mathematical, scientific and business applications will be illustrated.

Prerequisite: BTC100 or BTC101 or MAC101

MAC220 Application Development for Android Devices

3 credits; 3 hours

This course will provide students with an understanding of the theory and skills needed to design and develop applications for Android devices using an Android development platform. Topics include Android development environment, application fundamentals, user interface designing including activity and intent class, view navigation, mapping/Geo positioning, camera applications, styles and database applications using SQLite.

Prerequisite: MAC120, MAC190

MAC221 Application Development for iPhone/iPad

3 credits; 3 hours

This course will provide students with skills needed to design and develop advanced applications for iOS devices. Topics include user interfaces; view navigation; page-based applications; iCloud; web views, map views, and storyboarding; camera applications; and database applications using SQLite.

Prerequisite: MAC105, MAC120

MAC230 Comparative Operating Systems

3 credits; 4 hours (3 lecture, 1 lab)

This course is an introduction to computer operating systems including mainframe and microcomputer operating systems. Students will learn operating system concepts and command languages for several operating systems. Topics will include memory management, data management, job scheduling, spooling, I/O management, security and networking as it applies to various operating systems.

Prerequisite: BTC100, BTO155, ENA/ENC/ENG101, or MAC101

MAC231 Novell Network Operating System

3 credits; 4 hours (3 lecture, 1 lab)

This course will provide students with theoretical and practical knowledge needed to configure, optimize, administer and maintain a Novell Netware-based network. Topics will include: login scripts, user and group rights, trustee assignments, security issues, menu and command line utilities, application software supervision, network optimization and installation, network directory services (NDS), tree structures, advanced and customized printing utilities and troubleshooting. Upon completion of the course, students may choose to take the Certified Novell Administrator (CNA) exam.

Pre- or Corequisite: MAC230

MAC232 UNIX Network Operating Systems

3 credits; 4 hours (3 lecture, 1 lab)

This course is an introduction to the UNIX operating system. It is designed to teach students how to effectively integrate UNIX utilities and system calls within network administration. Additionally, it will teach students how to customize workstations through the use of LAN management and administrative functions. Upon completion of this course, students may choose to take the SCO ACE certification exam.

Pre- or Corequisite: MAC230

MAC233 Windows NT Network Operating System

3 credits; 4 hours (3 lecture, 1 lab)

This course will provide the student with a comprehensive knowledge of the Microsoft Windows NT operating system and network environment. Topics to be covered include an overview of the system architecture, the network environment, administration, security and optimization. Students will be in a computer lab to learn the skills needed to install and configure NT systems and workstations and servers. This course will prepare students to take the first Microsoft Certification Exam in Systems Engineering (MCSE).

Pre- or Corequisite: MAC230

MAC241 Computer Electronics I

4 credits; 6 hours (4 lecture, 2 lab)

This is a course in the fundamentals of DC and AC electric circuit theory which will provide a basis for further study and concentration in computer repair and telecommunications. Among the topics to be considered are Ohm's Law, power, Kirchhoff's Laws, voltage divider rule, RC time constants, measurement techniques, and some basic electronic components such as resistors, capacitors and inductors. The laboratory work will include experiments using voltmeters, ammeters, oscilloscopes and breadboards. The student should expect to pay for additional materials for this course.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

Pre- or Corequisite: MAT241

MAC242 Computer Electronics II

3 credits; 4 hours (3 lecture, 1 lab)

This course is a continuation of Computer Electronics I. Topics covered include parallel resonance, high and low passive filter circuits, transformers, semiconductor structure, diodes, BJTs, FETs, integrated circuits, power supply circuits, transistor amplifier circuits, operational amplifiers, oscillators and modulation and receiver circuits. This course will emphasize the laboratory construction and troubleshooting of these circuits. The student should expect to pay for additional materials for this course.

Prerequisite: MAC241

MAC245 Network and Systems Security

3 credits; 4 hours (3 class, 1 lab)

This course provides a detailed, in-depth overview of network security problems and discusses potential solutions. The course covers a broad variety of important security topics such as cryptography, authentication, denial-of-service attacks, worms, viruses, phishing, spyware and Trojan horse. The course will allow the student to examine network and computer security defense mechanisms.

Prerequisites: MAC232 or MAC233

Pre- or Corequisites: MAC252 or MAC253

MAC246 Advanced Network and Systems Security

3 credits; 4 hours (3 class, 1 lab)

This is a continuation of CIS 245, Network and Systems Security, covering advanced topics such as biometrics security,

network intrusion detection, security and top wrappers and other pertinent topics in the field. This course maps fully to CompTIA's Security + Exam objectives. Extensive hands-on and research projects will place students actively in the role of security professional. The student will have a comprehensive overview of network security from basic concepts to advanced topics.

Pre- or Corequisite: ENA/ENC/ENG101, MAC245

MAC250 Database Concepts and Programming

3 credits; 4 hours (3 lecture, 1 lab)

This comprehensive course covers the concepts of data collection, organization, and retrieval. The understanding of data structures and the analysis of file organization techniques will be emphasized. The principles of database design, selection and management will be introduced. Students will be given extensive laboratory experience with programming using a database application package.

Prerequisite: MAC109 or MAC195

Beginning with the 2016-17 Academic Year, this course will be offered in the Fall II Session only.

MAC252 Advanced UNIX System Administration

3 credits; 4 hours (2 lecture, 2 lab)

This course is a continuation of the UNIX Network Operating System course. It provides students with the practical skills needed to serve as a UNIX system administrator. Topics include login scripts, user administration and security, operating system installation and maintenance, installation of patches and programs, and maintenance and troubleshooting of servers and workstations. Students are encouraged to take the UNIX Systems Administration certification exam.

Prerequisite: MAC232

Beginning with the 2016-17 Academic Year, this course will be offered in the Fall II Session only.

MAC253 Advanced NT Systems Administration

3 credits; 4 hours (2 lecture, 2 lab)

This course is a continuation of the NT Operating Systems course. It provides the students with the practical skills needed to serve as an NT Administrator. Topics include profiles and policy editor, trust relationship between multiple domains, directory services, DHCP (Dynamic Host Configuration Protocol), IIS (Internet Information Services), WINS (Windows Internet Naming Service), and network monitoring. Students are encouraged to take the second certification exam offered by MCSE.

Prerequisite: MAC233

Beginning with the 2016-17 Academic Year, this course will be offered in the Fall II Session only.

MAC260 Introduction to Teleprocessing

3 credits; 4 hours (3 lecture, 1 lab)

This course examines the field of data transmission and how it is used to communicate with the computer. Topics covered include the nature of the communication links and of the hardware attached to them; common carriers and their services; and the configuration of data communication systems including

a description of the codes, modems, terminals, software, and methods of line organization.

Prerequisite: MAC101 or MAC109

MAC261 Internet Telephony

3 credits; 4 hours (3 lecture, 1 lab)

This course introduces students to voice over IP (VoIP), or packetized voice. Students will be exposed to Internet architecture and the handling of user traffic; various protocols including TCP and UDP; digital signal processes; voice coders; connecting to ISPs; modems; layered VoIP architecture; and performance considerations. Students will explore various Internet telephony solutions in the laboratory.

Prerequisite: MAC241

MAC262 Data Communications

4 credits; 4 hours (3 lecture, 1 lab)

This course covers various methods and techniques used in computer communications. The course is designed for telecommunications majors and will aid them in applying data communications skills to on-the-job situations. Main topics include message and packet switching, communication servers, distributed systems and line control techniques. The laboratory portion prepares the student to sit for the Novell CNA exam. The student should expect to pay for additional materials for this course.

Prerequisite: MAC241

MAC263 Network Operations

4 credits; 4 hours (3 lecture, 1 lab)

This course introduces the student to general network theory with respect to the operation and management of modern networks. The student will use laboratory equipment to prepare print servers, file servers, multiplexers, routers and modems. Network monitoring will be introduced for troubleshooting skills and for traffic analysis in a LAN environment. The laboratory work is geared toward preparing the student for network certification.

Prerequisite: MAC262

MAC265 Hardware and Software Interfacing

3 credits; 4 hours (3 lecture, 1 lab)

The course will introduce the design of computer systems that sense and interact in the physical world. Topics include microprocessors and their architectures, assembly language programming concepts such as integer arithmetic, conditional processing, procedures and strings. The relationship between software and hardware and how to program to interact with keyboard, mouse, disks memory, display and video processing will also be explored.

Prerequisites: MAC101 or 102 or 109 or MAC241

MAC270 Advance Topics in Computer Science

3 credits; 3 hours

This course explores a current topic in computer science and technology. Topics will be selected from such areas as computer security, programming languages, web/mobile apps, AI, modeling, simulation, gaming, and high-performance computing.

Students will explore the selected topic through lectures, readings, research, class discussions, and laboratory projects. Topics will be announced in advance.

Prerequisites: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096, MAC101 or 102 or 109 or 241

MAC280 Game Programming

3 credits; 3 hours

This course explores game development and programming. Students will study programming design of game engines, the application of a physics engine, collision detection, screen graphics, debugging, and publishing. Included are utilization of game assets, camera/lighting, terrain/textures, character controls, security, artificial intelligence (e.g., path finding), and the application of a modern gaming engine. Students are to complete projects as a significant component of the course.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAC109 or MAC125 or MAC190

Pre- or Corequisite: HUW169

MAC281 Discrete Structures

3 credits; 3 hours

This course covers the mathematical concepts essential for continued study in computer science and related fields. The topics include algorithms, complexity of algorithms, introduction to number theory and its applications, mathematical induction and recursion, relations and functions, graphs and trees, and applications.

Prerequisites: MAC101, MAC231

MAC283 Computer Organization and Assembly Language

3 credits; 4 hours (3 lecture, 1 lab)

This course is intended for students interested in developing a background in hardware concepts. Topics covered include number systems, data representation, binary arithmetic, boolean algebra, combinational and sequential circuits, and an introduction to assembly language programming.

Prerequisites: MAC101 or MAC109

MAC286 Data Structures

3 credits; 4 hours (3 lecture, 1 lab)

This course presents fundamental abstract data types along with efficient implementations for each. Topics include linked lists, stacks, queues, priority queues, binary trees, binary search trees, heaps, AVL trees, n-ary trees, graphs, hash tables, sorting and searching, recursion and worst-case analysis.

Prerequisite: MAC125 or MAC190, MAT281

MAC289 Computer Technology Project Lab

2 credits; 2 hours

This course reinforces the student's concepts of digital circuit-board fabrication for computer and communication devices through the construction of projects. Topics include: lab safety, reading schematic diagrams, PC board layout design and construction, components soldering and wirewrapping. The student will also learn the techniques of troubleshooting the devices using the instruments provided by the laboratory.

The projects will vary. The student should expect to pay for additional materials for this course.

Prerequisite: MAC261 or MAC292

MAC291 Computer Logic, Design and Implementation I

4 credits; 5 hours (3 lecture, 2 lab)

This course will teach students how a computer logic statement is converted into an actual circuit. Using binary notation and Boolean algebra, the student will analyze switching networks of logic gates. The circuits which are mathematically described will then be translated into wiring diagrams and implemented on logic trainers and/or prototype boards. The student should expect to pay for additional materials for this course.

Prerequisite: MAC241, MAT241

MAC292 Computer Logic, Design and Implementation II

4 credits; 5 hours (3 lecture, 2 lab)

Students will learn to analyze sequential networks. The use of flip-flops in circuits, such as binary counters, serial adders, parallel multipliers and code converters will be studied. Wave form analysis will be done in the lab using oscilloscopes and logic devices. The student should expect to pay for additional materials for this course.

Prerequisite: MAC291, MAT241

MAC293 Computer Repair and Network Maintenance

4 credits; 5 hours (3 lecture, 2 lab)

This course provides students with the knowledge needed to diagnose and repair stand-alone and networked personal computers. The course covers hardware, including disk drives, mainboards, video boards, NICs, memory and modems; and set-up, diagnosis and repair of network connections, servers and workstations. Students will work with testing equipment such as oscilloscopes, patch boxes, LAN testers, wiring tools and software diagnostic tools. They should expect to pay for additional materials.

Prerequisite: MAC232 or 233

MAC295 Computer Architecture

4 credits; 5 hours (3 lecture, 2 lab)

This course is intended for students who are in the computer science program or for students interested in developing a background in hardware concepts. Topics covered include number systems, logic circuits, arithmetic circuits, flip-flops, registers, memories, sample designs of simple computers and an introduction to microprogramming. The student should expect to pay for additional materials for this course.

Prerequisite: MAC232 or MAC233 or MAC265

Engineering Science

MAE100 Computer-Aided Design

4 credits; 4 hours

This course introduces the student to AutoCAD's friendly pull-down menus as a tool to create graphical representations of objects. The course covers introduction of dimensioning systems,

fundamentals of orthographic views of real-world objects, and basic two-dimensional drafting techniques. The course includes the creation of three-dimensional objects and their modification by changing the rendering options, material and lighting properties. Views of assemblies and animations are also considered.

Pre- or Corequisite: CSE095, ENA/ENG099, ESA099, ENA/ENC101, MAT096

MAE101 Engineering Lab 1

1 credit; 3 hours (lab)

This is the first of two engineering laboratory courses. Students meet once a week and are introduced to engineering design through hands-on laboratory work using computer applications. They are taught how to carry out basic structural analysis; in particular, they are introduced to programming a robot to perform a specific task. Additionally, they work in groups on design projects and are expected to use computers for documentation, for data analysis, and for maneuvering the robots.

Prerequisite: MAT200

MAE102 Electrical Drafting and Blue Print Reading

2 credits, 3 hours (1 classroom, 2 lab)

The objective of this course is to provide knowledge of blueprint reading as it relates to the architectural or building construction industry. The course covers the theory of orthographic projections, floor plans and elevation drawings, symbols and notations, scaling and dimensioning practices, reading blueprints for structural information and electrical/mechanical function drawings.

Prerequisite: MAE109

MAE103 Engineering Lab 2

2 credits; 3 hours (lab)

This course presents selected mathematical concepts and techniques of engineering science, using Matlab. It reinforces the importance of qualitative and quantitative reasoning, and introduces computer-based methods for verifying analytic reasoning and experimental results.

Prerequisite: MAT201

MAE107 Manufacturing Processes

3 credits; 2 Classroom hours/ 3 Lab Hours

The goal of this course is to introduce students to general concepts in manufacturing. Different materials, tools and fabrication processes will be presented, with emphasis on the lathe and drilling, milling and grinding machines. Welding materials, techniques and symbols are introduced. Programming of Computerized Numerical Control (CNC) machines is also included, complemented with robotic programming for flexible manufacturing of components.

Prerequisite: HUA104

Pre- or Corequisite: ENA/ENC/ENG101, MAE100

MAE109 Introduction to Engineering

2 credits, 3 hours (1 classroom, 2 lab)

This is an introductory engineering course. Students are introduced to engineering design through hands-on laboratory

work using computer applications. They are introduced to programming a robot to perform a specific task and to designing a digital clock. Additionally, they work in groups on design projects and are expected to use computers for documentation, data analysis, and for maneuvering robots.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

MAE110 Circuit Analysis I

3 credits, 4 hours (2 classroom, 2 lab)

This course introduces students to DC circuits. Topics include series, parallel, and series -parallel circuits, equivalent circuits, capacitive and inductive circuits, timing circuits, network theorems and measuring instruments. Laboratory experiments include bread boarding, measurement techniques and troubleshooting. The writing of laboratory reports is taught—and required.

Prerequisite: ENG259, MAE109, MAT115

MAE111 Circuit Analysis II

3 credits, 4 hours (2 classroom, 2 lab)

This course introduces students to analysis of AC circuits with sine-wave sources and R L C circuit components, covering phase shift, frequency response, power, and resonance in series and parallel circuits. Three-phase wye and delta circuits are also covered. Hands-on laboratory experiments are included.

Prerequisite: MAE110

Pre-corequisite: MAT200

MAE121 Instrumentation

2 credits, 3 hours (1 classroom, 2 lab)

The course introduces students to the techniques, equipment, and measurement procedures used by mechanical engineering technologists; they will acquire hands-on experience with electronics and measurement equipment such as oscilloscopes, breadboards, function generators, digital data acquisition systems, integrated circuits, strain gages, displacement meters, thermocouples, tachometers, dynamometers, filters, volume flow meters, velocity meters, pressure probes, and pressure transducers.

Prerequisite: MAE109, MAT201

MAE122 Electrical Measurements and Instrumentation

3 credits, 4 hours (2 classroom, 2 lab)

This course provides students with a basic understanding of electrical measurement systems, introducing them to the many varieties of meters, scopes and transducers available, their operating principles, strengths and weaknesses. Applications are provided, enabling students to select optimal meters, transducers, amplifiers, along with recording and readout devices in order to assemble a system for routine measurements of electrical phenomena.

Prerequisite: ENG259, MAE111

MAE190 Material Science

3 credits, 4 hours (2 classroom, 2 lab)

This course provides a broad introduction to the basic characteristics of engineering materials. The course will focus

on the selection of metals, plastics, ceramics, and composites for mechanical design purposes, highlighting the relationships of structure, material properties, and material selection in the design/ manufacturing process. Student will perform laboratory experiments with mechanical testing equipment.

Prerequisite: ENG259, MAE109, MAT200, SCP101

MAE191 Statics and Strength of Materials

3 credits, 4 hours (2 lecture, 2 lab)

This course presents a theoretical, analytical, and practical approach to the concept of engineering statics and strength of materials--the foundations of machine and structural design. Students will develop basic knowledge and skills in critical thinking and engineering problem solving. Topics include: force and moment analysis, conditions for static equilibrium, properties of materials, stress-strain relationships, thermal stresses, geometric shapes and moments of inertia, and beam analysis.

Prerequisite: ENG259, MAE109, MAT201

MAE201 HVAC-Heating/Ventilating /Air Conditioning System

3 credits, 4 hours (2 lecture, 2 lab)

This course will train students to read and represent graphical concepts in the heating, ventilating and air conditioning field. They will learn to letter, draw line-work, use drafting instruments and standard HVAC representations, draw orthographic and isometric projections of HVAC equipment, and work with architectural, structural and lighting plans to lay out HVAC systems.

Prerequisite: ENG259, MAE109, MAT200

MAE207 Introduction to Thermodynamics for Technicians

3 credits, 4 hours (2 lecture, 2 lab)

This course provides an introduction to the concept of energy and the laws governing transfer and transformation of energy. Emphasis is placed on thermodynamic properties and the first and second law analysis of systems; integration of these concepts into the analysis of basic power cycles is also considered.

Prerequisite: ENG259, MAE109, MAT201

MAE208 Electromechanical Devices

3 credits, 4 hours (2 lecture, 2 lab)

The goal of this course is to provide upper-level engineering students with the methods of analysis of electrical machines and transformers; this will be achieved by developing equivalent circuits for machines and transformers such as DC generators and motors, alternators, transformers, polyphase induction motors, single-phase motors and synchronous motors.

Prerequisite: ENG259, MAE111

MAE209 Structural and Site Plans

3 credits; 4 hours

This course provides graphical methods for conveying ideas and information related to civil engineering projects. Topics include manual and computer assisted drafting, functional planning, structural plans and details in steel and concrete and topographical mapping.

Prerequisite: MAC102

MAE211 Engineering Mechanics: Statics

3 credit; 3 hours

This course is designed to introduce students to the theory and applications of engineering mechanics – statics. Topics to be covered include equivalent systems of forces, resultants, distributed forces, equilibrium of rigid bodies, centroids, centers of gravity, fluid statics, moments of inertia and friction. Analysis of frames and machines, forces in beams, internal stresses and stability will also be considered. Vector algebra will be used where appropriate.

Prerequisite: MAT203, SCP231

MAE213 Electrical Circuits I

3 credits; 3 hours

Students are introduced to the analysis of basic AC and DC circuits containing resistors, inductors, capacitors, and both independent and dependent sources of voltage and current. Voltage division and current division yield simplified analysis of resistors (impedances) in series and in parallel, respectively. Thevenin's and Norton's theorems are used to determine equivalent subcircuits. Differential equation techniques are presented to simplify the analysis of AC circuits.

Prerequisite: MAT203, SCP231

MAE219 Thermodynamics I

3 credits; 3 hours

This course introduces students to basic physical concepts and applications of thermodynamics, and to their consequences for engineering processes and operations. Emphasis is placed on the first and second laws. Properties of pure substances are studied, along with basic principles governing transformations of energy, particularly heat, and work. Behavior of mixtures of gases and vapors and air conditioning are considered. An elementary introduction to cycles (Carnot cycle, reversibility, power and refrigeration cycles) completes the course.

Prerequisite: MAT203, MAT204, SCP232, SCC201

MAE230 Senior Design Project

2 credits; 2 hours

This course will apply the knowledge acquired over the course of the entire engineering technician curriculum in order to solve an engineering problem. Stages include problem identification, engineering design parameters, exploration of solution requirements including development of specific metrics necessary to achieve customer satisfaction, concept generation and refinement and application of engineering knowledge to derive potential solutions to the problem.

Prerequisite: MAE208

Mathematics Courses

MAT095 Introduction to Algebra

0 credit; 6 hours (5 lecture, 1 lab)

(Equivalent to First Year Institute USM095)

The course has a problem solving approach that emphasizes the importance of mathematical reasoning in addressing real-world problems drawn from diverse disciplines. Topics include

arithmetic (signed numbers, fractions, decimals and percents), elementary algebra (solving first degree equations, finding equations of lines, using rules of exponents), basics of geometry (area and perimeter) as well as numeracy (estimation, unit analysis). The course is intended for students with little or no algebra background.

Admission to the course is based on placement test scores.

Pre- or Corequisite: BTF101 or CJF101 or HSF090 or LIF101 or NSF101 or SYF101

MAT096 Elementary Algebra

0 credit; 6 hours (5 lecture, 1 lab)

(Equivalent to First Year Institute USM096 or USM097)

This course provides a careful treatment of elementary algebra, beginning with the line/linear equations, ending with quadratic equations, and emphasizing the interplay between graphic and algebraic representations. Topics include graphing of lines, systems of linear equations, introduction to functions, rules of exponents, polynomial algebra, factoring, radical expressions, and the quadratic formula.

Prerequisite: MAT095 or Placement Score

Pre- or Corequisite: BTF101 or HSF090 or LIF101 or NSF101

MAT103 Early Concepts of Math for Children

3 credits; 3 hours

This course combines theory with practical aspects of how children learn mathematics. Students learn how to help young children to develop numerical relationships and geometric patterns. This course is of particular value to Child Development majors, prospective elementary school teachers and parents.

Prerequisite: CSE099, MAT096

MAT104 Mathematics in Elementary Education

3 credits; 3 hours

This is the second course of a sequence devoted to the study of how children learn mathematics. The course examines the mathematics curriculum of the elementary school with an emphasis on how to teach it. Among the topics included are operations on rationals, geometry, measurement, and basic notions of statistics of particular value to prospective school teachers and paraprofessionals.

Prerequisite: MAT103

MAT106 Mathematics of Medical Dosages

2 credits; 2 hours

This course is designed for Nursing majors and will aid them in applying basic mathematical concepts to on-the-job situations. Students will learn the various techniques of calculations. These include conversions using metric, household and apothecary systems of measurement as well as the computational methods used in the preparation of oral medication, solutions, parenteral therapy and pediatric dosages.

Prerequisite: MAT096; Corequisite: SCR110

MAT107 Mathematics and the Modern World

3 credits; 3 hours

This course introduces selected topics in mathematics which have significant application in other fields. For each topic

studied, emphasis will be placed first on the mathematics itself, and then on one or more significant applications of the mathematics. Topics to be included will be chosen from the areas of number theory, algebra, probability and statistics, topology, computers and geometry.

Prerequisites: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

MAT108 Quantitative Literacy

3 credits; 3 hours

Students develop confidence with numerical information by performing measurements, manipulating data, completing writing exercises and making presentations. Current events are used in activities that help identify quantitative factors in situations, address uncertainty, and evaluate statements.

Spreadsheets will be used for the creation, storage, manipulation, and conversion of data to information and to perform calculations. Students are expected to share their experiences using the Web and discussion forums.

Prerequisites: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

MAT112 College Algebra with Modeling

3 credits; 3 hours

This course will start with a review of basic algebra skills such as factoring and solving linear equations and inequalities, and proceed to a study of polynomial, exponential, and logarithmic functions. These functions will be used in applications involving simple mathematical modeling where students will engage in inquiry activities aimed at improving critical-thinking skills.

A scientific calculator is required.

Prerequisite: CSE099, MAT096 or Placement

MAT115 College Algebra and Trigonometry

3 credits; 4 hours

This course will start with a review of basic algebra (factoring, solving linear equations, and equalities, etc.) and proceed to a study of polynomial, exponential, logarithmic and trigonometric functions. These functions will be used in applications involving simple mathematical modeling where students will engage in inquiry activities aimed at improving critical thinking skills.

Prerequisite: MAT096 or Placement

MAT117 Algebra and Trigonometry

3 credits; 7 hours (6 lecture, 1 lab)

This course gives a thorough treatment of college algebra and trigonometry topics-linear, quadratic, rational, exponential, and logarithmic expressions/functions as well as basic right-triangle trigonometry and graphical properties of sine and cosine functions. Supporting topics from elementary algebra such as linear modeling, factoring, solving linear systems and quadratic equations, and operations with radical expressions are included. Instructional methods include lecture, group work and computer activities.

Prerequisite: MAT095 or placement

MAT118 Introductory Statistics

3 credits; 3 hours

This course introduces eligible non-STEM majors to fundamental concepts and methods of elementary statistics. Topics studied include statistical graphs, measures of central tendency and spread, probability, binomial and normal distributions, confidence intervals, hypothesis testing, and linear correlation/regression. Students will use a statistical software package to work on data analysis projects related to current issues. ePortfolio use for projects is recommended. A calculator is required.

Prerequisite: CSE099, MAT096

MAT119 Statistics with Elementary Algebra

3 credits, 7 hours (5 lecture, 2 lab)

This is a statistics course with algebra support using the Statway curriculum. The focus is on statistics (data collection, numerical and graphical representation of data, linear correlation and regression, discrete and continuous probability distributions, estimation, and hypothesis testing); relevant algebra topics such as fractions/ percents, linear equations in one and two variables and functional relationships are integrated, resulting in a collaborative, problem-based class.

Prerequisite: MAT095

MAT120 Elementary Statistics I

3 credits; 4 hours (3 lecture, 1 lab)

This course presents the fundamental concepts and computational techniques of elementary statistics. Topics studied include statistical graphs, measures of central tendency, standard deviation, percentiles, probability, binomial and normal distributions, confidence intervals, hypothesis testing, and linear correlation/ regression. Students will use a statistical software package to obtain basic sample statistics and graphs for data analysis. A graphing calculator will be used for routine computations.

Prerequisite: CSE099, MAT096

MAT121 Elementary Statistics II

3 credits; 3 hours

As a sequel to MAT120, this course develops the methods of statistical inference including experimental design, sampling, estimation, hypothesis testing and decision making.

Prerequisite: MAT120

MAT132 History of Mathematics

3 credits; 3 hours

This course presents the important theoretical developments in mathematics from antiquity to the end of the 16th century with particular emphasis on ancient Greek mathematics. Topics include origins of measurement and geometry, numeral systems, introduction to basic logic and mathematical proofs, the method of exhaustion and its applications, and elementary number theory.

Prerequisite: ENA/ENG099, ESA099, ENA/ENC101, MAT096

MAT200 Precalculus

4 credits; 5 hours (4 lecture, 1 lab)

This course is intended as a preparation for the study of calculus. Functions and their graphs are analyzed theoretically within a framework that emphasizes their roles in applied settings. Particular attention will be paid to polynomial, exponential, logarithmic, and trigonometric models. Use of graphing utilities (computer algebra systems, scientific/non-graphing calculators, etc.) as analytical tools will be emphasized; the online learning platform MyMathLab will be used.

Prerequisite: MAT115

MAT201 Calculus I

4 credits; 4 hours

This course is the first of a three-course sequence designed to provide students with an appreciation of the usefulness and power of calculus. The course covers the fundamentals of the differential calculus of elementary functions and includes an introduction to integral calculus. Among the topics studied are limits, derivatives, applications of the derivative and integrals.

Prerequisite: MAT200

MAT202 Calculus II

4 credits; 4 hours

This is a course designed to provide students with an appreciation of the usefulness and power of calculus. Emphasis will be placed on the application of calculus to various disciplines. Among the topics studied are the definite integral, area, formal integration and applications of integration.

Prerequisite: MAT201

MAT203 Calculus III

4 credits; 4 hours

This is the third course in the calculus sequence and is designed to build upon the concepts and techniques of MAT201 and MAT202 and provide a more rigorous conceptual grounding for the entire sequence. Topics include 3-dimensional analytic geometry and vector analysis, calculus of functions of several variables including limits and continuity; partial derivatives; maxima and minima; Lagrange multipliers; double, triple, line and surface integrals; Curl and Divergence; and Green's, Stokes' and Divergence Theorems.

Prerequisite: CSE099, MAT202

MAT204 Elementary Differential Equations

4 credits; 4 hours

This course considers selected problems and mathematical models which generate ordinary differential equations. Both numerical and analytical methods will be used to obtain solutions. Geometrical interpretation of differential equations will be emphasized, and where feasible, solutions utilizing computer methods will be explored. Topics also include boundary-value problems, linear systems, and Laplace Transforms. Applications to classical mechanics and electric circuits will be examined.

Prerequisite: MAT202; Pre- or Corequisite: MAT203

MAT210 Linear Algebra

3 credits; 3 hours

This course is designed to introduce students to the theory and applications of algebraic structures by focusing on the solutions of systems of linear equations. The algebraic properties of these solutions will be analyzed and generalized in the theory of vector spaces. Matrices will be treated both as computational aids and as objects possessing algebraic structure in their own right. Major applications will be developed, including project(s) on various topics using linear algebra techniques and computer software.

Prerequisite: MAT201 or MAT242

MAT212 Linear Algebra and Vector Analysis for Engineers

3 credits; 3 hours

This course serves as an extension of the traditional calculus sequence and contains additional topics relevant to students majoring in engineering. Topics include matrix algebra, systems of linear equations and Gaussian elimination method, determinant of a matrix, eigenvalues and eigenvectors, parametric curves and surfaces, arc length, line and surface integrals, fundamental theorem for line integrals, curl and divergence, Green's theorem, Stokes' theorem and divergence theorem.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

Pre-corequisite: MAT203 or equivalent

MAT221 Introduction to Probability

4 credits; 4 hours

This course is an introduction to the theory of probability. The topics studied are basic theorems of probability, permutations and combinations, discrete and continuous random variables, univariate and multivariate probability distributions, jointly distributed random variables, independent identically distributed random variables, moments, moment-generating functions, the central limit theorem, laws of large numbers, confidence interval, hypothesis testing, chi-square methods, and simple linear regression.

Prerequisite: MAT203

MAT230 Introduction to Discrete Mathematical Structures

4 credits; 4 hours

This course covers mathematical concepts essential for continued study in computer science and related fields. Topics of study include: set theory, propositional calculus and rules of reasoning, algorithms and complexity, elementary number theory including applications, recursion, counting principles with applications and graph theory.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

Pre- or Corequisite: MAT201

MAT231 Introduction to Discrete Mathematics

3 credits; 3 hours

This course introduces students to the foundations of discrete mathematics. The topics of study include propositional logic, methods of proof, set theory, relations and functions, mathematical induction and recursion, and elementary combinatorics.

Prerequisites: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT201

MAT241 Technical Mathematics I

4 credits; 4 hours

This course helps students to appreciate the usefulness of mathematics in today's technical world. The concepts of college algebra and trigonometry are presented with emphasis on their applications in science and technology. Topics include analytic geometry, trigonometry, exponential and logarithmic functions and their graphs, system of linear equations, matrices and complex numbers.

Prerequisite: MAT096

MAT242 Technical Mathematics II

4 credits; 4 hours

This is the second course in the Technical Mathematics sequence. Scientific methods of differential calculus are developed and applied to solving practical problems. Topics include differentiation and integration of algebraic, exponential, logarithmic and trigonometric functions, curve sketching, rectilinear motion, extrema, area and volume.

Prerequisite: MAT241

Natural Sciences Department

Room M204 (718) 482-5940

Department Faculty

Dionne A. Miller , Chairperson; Zenia Afroz, Amit Aggarwal, Ian Alberts, Sherouk Alzeory, Olga Calderon, Alfredo Cifuentes, Sarah Durand, Maria Entezari, James Frost, Lucia Fuentes, Xin Gao, Janet Gonzalez, Sana Gul, Yonya Hendrix, Nalband Hussain, Joby Jacob, Sultan Jenkins, Albert Jimenez, Alexander Jones, Charles Keller, Amish Khalfan, Onica Le Gendre, Lily Leon, Kevin Mark, Philippe Mercier, Howard Motoike, Jaime Nieman, Sidney Noelle, Thomas Onorato, Holly Porter-Morgan, Preethi Radakrishnan, Nelson Roman, Roman Senkov, Allyson Sheffield, Christine Sicchio, Sunania Singh, Benjamin Taylor, John Toland, Lhamo Tshering, Stephen ValdezJennifer Vance, Ingrid Veras, D. Priyantha Wijesinghe, Na Xu, Burl Yearwood, Boris Zakharov

First Year Seminar

NSF101 First Year Seminar for Natural Sciences

2 credits; 3 hours

This First Year Seminar is required of all new students in any of the majors offered by the Natural Sciences Department. Its goals are to help students transition to campus culture, develop a clear understanding of the learning process, and acquire the skills and dispositions essential to the study and practice of science. Taught by NS faculty and supported by peers, advisors, and co-curricular professionals, this course addresses issues related to contemporary college life and majors within the natural sciences.

Internship

SCI204 Research in Natural Sciences

3 credits, 11 hours

Research in Natural Sciences provides students with the opportunity to apply knowledge and skills gained in science courses by undertaking laboratory and/or field based research projects. Directed by a faculty mentor, students will engage in a research project in an area relevant to the interests and goals of the Natural Sciences Department. Students will be required to dedicate 10 hours per week to their projects as well as 1 hour per week for in-class instruction with the faculty mentor.
Prerequisite: SCB201 or SCC201 or SCP201, ENG102, MAT115

Biology

SCB101 Topics in Biological Sciences

3 credits; 3 hours (2 lecture, 1 lab)

This course serves as an introduction to biology for the non-science majors. It will cover topics such as basic chemistry, cell structure and function, genetics, biotechnology, anatomy and physiology, evolution, and ecology. The scientific method and application of quantitative techniques, data analysis, interpretation and presentation will also be covered.
Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SCB102 Biological Drawing

3 credits; 3 hours (1 lecture, 2 lab)

This course introduces students to biological diversity and form, primarily through the medium of drawing. The course deals mainly with small organisms that require microscopic examination and therefore students will learn the basics of microscopy and techniques for drawing objects using a microscope. Scientific drawing must be accurate as well as aesthetically pleasing. On completing the course students will be able to produce publication-quality scientific illustrations of a wide range of biological specimens.
Prerequisite: CSE095, ENG099, MAT096

SCB103 Human Biology in Health and Disease

3 credits; 3 hours (2 lecture, 1 lab)

This one-semester course provides students with an overview of the structure and function of the human body. The anatomy and physiology of the following organ systems will be discussed: cardiovascular, respiratory, nervous, gastrointestinal, immune and reproductive. Each of these systems will be considered under normal conditions as well as under disease conditions. Contemporary health issues will also be discussed. The laboratory component of the course will involve simulations in a computer lab.

Prerequisite: CSE095, ENG099, MAT096

SCB115 Principles of Biology

4 credits; 6 hours (2 lecture, 3 lab, 1 recitation)

This is a one-semester laboratory-based course in biology stressing general concepts and amplifying them through a study of the human organism. The scientific method of thinking will be emphasized. Topics will include biological chemistry, cell structure and function, classical and molecular genetics, evolution and ecology, and homeostasis will be explored in the context of human biology. Laboratory exercises will include chemical analyses of nutrients, microscope slides and dissection of the fetal pig.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SCB160 Food Microbiology

4 credits; 6 hours (3 lecture, 3 lab)

This course is an introduction to the science of food with emphasis on microorganisms which affect it. Digestive processes and fundamental chemistry of food are studied, as well as the complex interactions which exist between food and microorganisms, including handling, preparation and storage. The laboratory will focus on morphological and physiological characteristics of microorganisms associated with contamination, spoilage, preservation and food-borne disease. This course does not fulfill the Dietetic Technology General Microbiology requirement.

Prerequisite: SCD100

This course satisfies the New York City Department of Personnel requirement for the foods course for eligibility for School Lunch Manager.

SCB165 Vertebrate Evolution

3 credits; 3 hours

This is a one semester lecture course that surveys the anatomy, systematic, evolution, life histories, behavior and ecology of the Vertebrata or back-boned animals. Topics include the diversity, classification and evolution of vertebrates, radiation of the Chondrichthyes, the major radiation of fishes, synapsids and sauropods, the lepidosaurs, Mesozoic diapsids, avian specializations, the Synapsida and the evolution of mammals, mammalian specializations, and Primate evolution and the emergence of humans.

Prerequisite: CSE099, ENG099, MAT096

SCB201, 202 Fundamentals of Biology I and II

4 credits; 6 hours each (3 lecture, 3 lab)

This course is an integrated two-semester laboratory-based sequence, stressing major concepts of biology designed to assist the student in relating these concepts to the environment. The scientific method of thinking and the experimental approach will be stressed. Among the topics studied are: SCB201: Cellular and molecular basis of life, heredity, and the evolution of life. SCB202: Survey of the kingdoms, organismic anatomy and physiology with emphasis on the human system, the principles of ecology, and problems of population.

Prerequisite for SCB201: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

Prerequisite for SCB202: SCB201

SCB203 Human Anatomy and Physiology I

4 credits; 6 hours (3 lecture, 3 lab)

Part one of a two semester introduction to human anatomy and physiology that examines the relationships between structure and function of organs and organ systems in the maintenance of normal function in the whole organism. The lab includes experimental activities, microscopy and gross anatomy. Dissections and clay modeling will be used to study select organ systems. Lecture topics include the integumentary, skeletal, muscular, cardiovascular, respiratory, lymphatic and immune systems.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SCB204 Human Anatomy and Physiology II

4 credits; 6 hours (3 lecture, 3 lab)

Part two of a two semester introduction to human anatomy and physiology that examines relationships between structure and function of organs and organ systems in the maintenance of normal function in the whole organism. The laboratory includes experimental activities, microscopy and gross anatomy. Rat dissections will be used to study select organ systems. The major organ systems covered include the nervous, endocrine, digestive, urinary and reproductive systems.

Prerequisite: SCB203

SCB206 Introduction to Neuroscience

3 credits; 3 hours (2 lecture, 1 lab)

This course is devised as an introduction to neuroscience and is intended for students interested in exploring the biological basis of human behavior. Students taking this course will learn about the structure and physiology of the nervous system from the function of cells to the function of the brain. The course will provide an overview of normal sensory, motor, memory, learning and emotional processes, pharmacological influences, and will incorporate discussions of various cognitive and behavioral dysfunctions.

Prerequisites: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SCB208 Vertebrate Anatomy and Physiology I

3 credits; 4 hours (2 lecture, 2 lab)

This course, the first part of a two-course sequence, introduces students to the anatomy and physiology of vertebrates, with an

emphasis on domestic animals. Topics include the chemistry of life, histology, body organization and the structure and function of the following organ systems: integumentary, skeletal, muscular and endocrine. In the laboratory student have the opportunity to dissect representative vertebrate animals.

Prerequisite: SCV101 or SCB202

Pre-or Corequisite: SCC110

SCB209 Vertebrate Anatomy and Physiology 2

3 credits; 4 hours (2 lecture, 2 lab)

This course is a continuation of Vertebrate Anatomy and Physiology 1. Major organ systems are discussed while emphasis is placed on mammalian anatomy and physiology. In the laboratory, students have the opportunity to view these systems through the dissection of a cat.

Prerequisite: SCB208

SCB240 Biotechnology I

2 credits; 4 hours (1 lecture, 3 lab)

Biotechnology is the application of recombinant DNA technology to living systems. Biotechnology I is an introductory laboratory course which will allow the student to learn some of the basic techniques used in molecular biology and recombinant DNA laboratories. This course will include basic applications of gel electrophoresis and interpretation of restriction enzyme cleavage patterns of DNA, including DNA fingerprinting.

Prerequisite: SCB201 or SCB208 or SCC201

SCB252 Fundamentals of Biotechniques

3 credits; 4 hours

Students will participate in authentic undergraduate research experiences to learn techniques commonly performed in a biological laboratory, such as micropipetting, isolation and quantification of nucleic acids and proteins, Polymerase Chain Reaction (PCR), immunodetection and gel electrophoresis. Students will also learn about data analysis, responsible conduct of research, communicating science and reflect on the impact of biotechniques on society.

Prerequisite: ENC/G101, MAT112 or MAT115, SCB201, SCC201

SCB255 Cell Biology

4 credits; 6 hours

This is a one-semester laboratory-based course stressing essential aspects of cell biology. Cell structure and function will be introduced. Topics to be covered include, but are not limited to, membrane transport, protein sorting, vesicular trafficking, cytoskeletal components, how cells read the genome, signal transduction, cancer, apoptosis, and stem cells. Students will conduct authentic undergraduate research projects involving cell culture.

Prerequisite: ENG102, SCB202, SCB252, SCC202

SCB260 General Microbiology

4 credits; 6 hours (3 lecture, 3 lab)

This course offers an introduction to microorganisms found in nature, industry, and disease. The student is introduced to virology, bacteriology, immunology, epidemiology, pathology

and other related areas of microbial physiology. The laboratory will deal with the isolation and identification of common pathogenic and nonpathogenic organisms utilizing techniques of staining, culturing, fermentation reactions and microscopic inspection.

Prerequisite: SCB202 or SCB204 or SCB209

Chemistry

SCC101 Topics in Chemistry

3 credits; 3 hours (2 lecture, 1 lab)

This course serves as an introduction to chemistry. The complex connections between chemistry and society are explored through applying chemical principles to real world issues such as air quality, energy and water use through interactive classroom lectures, discussions and laboratory exercises. Topics include measurements, atoms, the Periodic Table, ionic and molecular compounds, stoichiometry, energy, acids and bases in the context of social issues.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096. *Note: This course is not open to students with credit in SCC140 or SCC201.*

SCC102 Chemistry of Photography

3 credits; 4 hours (2 lecture, 2 lab)

This course serves as an introduction to chemistry through an exploration of the underlying chemical principles of black and white photography. The course material will be delivered through interactive classroom lectures, discussions, and laboratory exercises. Topics include the definition and classification of matter, atomic theory, bonding, structure and properties of silver halide crystals used in photographic film, and the role of oxidation-reduction and acid-base reactions in photographic development.

Prerequisite: CSE095, ENG099, MAT096

SCC110 Foundations of Chemistry

4 credits; 6 hours (3 lecture, 3 lab)

This course presents essential facts, laws, and theories of general chemistry. Topics include measurement and significant figures, atomic structure, elements and compounds, chemical reactions, stoichiometry, solutions, acid and bases, nuclear radiation, and classification of simple organic compounds according to functional groups. The laboratory component is designed to illustrate the fundamental laws and techniques of general chemistry. The course addresses the needs primarily of allied health students.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SCC140 Biological Chemistry

3 credits; 4 hours (2 lecture, 2 lab)

This course is an introduction to the chemical basis of life. Topics will include an introduction to basic chemical principles, atomic structure, bond formation and structure, and mechanisms in organic and biochemical systems. These will be related

to the basic life processes of reproduction, development, growth, nutrition and health.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SCC201 General Chemistry I

4 credits; 6 hours (3 lecture, 1 recitation, 2 lab)

This course is part I of a two-semester sequence covering concepts of General Chemistry. It is intended for students planning to major in science or engineering who require one year of chemistry. Among the topics studied are atomic structure, chemical bonding and reactivity, quantitative relationships in chemical reactions, thermochemistry and gases.

Prerequisites: CSE099, ENA/ENG099, ESA099, ENA/ENC101
Co-requisite: MAT112 or MAT115

SCC202 General Chemistry II

4 credits; 6 hours (3 lecture, 1 recitation, 2 lab)

This course is part II of a two-semester sequence covering concepts of General Chemistry. It is intended for students planning to major in science or engineering who require one year of chemistry. Among the topics studied are: liquids, solids, solutions, acid-base theory, chemical kinetics, chemical equilibrium, chemical thermodynamics, electrochemistry and nuclear chemistry.

Prerequisite: SCC201

SCC251, 252 Organic Chemistry I and II

5 credits; 7 hours each (3 lecture, 4 lab)

This course is a two-semester sequence emphasizing the synthesis, structure, reactivity, and mechanisms of reaction of organic compounds. Laboratory stresses synthesis, purification, separation and identification of compounds.

SCC251: Aliphatic and aromatic hydrocarbons; stereochemistry.
SCC252: Alcohols, ethers, aldehydes, ketones, carboxylic acids, amines, heterocycles biomolecules.

Prerequisite for SCC251: MAT115, SCC202

Prerequisite for SCC252: SCC251

Environmental Science

SCG120 Introduction to Oceanography

3 credits; 3 hours

This course serves as an introduction to oceanography. It will explore the basic physical, chemical, biological and geological processes of the world's oceans. Topics will include the formation and evolution of oceans, coastal interactions, waves, tides and marine biology, with a consideration of human impact on marine environments.

Prerequisite: CSE099, ENA/ENG/ESA099/ENC101, MAT096

SCG150 Introduction to Geographic Information Systems

4 credits; 3 hours lecture, 3 hours lab

This course covers the entire Geographic Information Systems

production process from data acquisition and modeling to editing, analysis and cartographic output. Lectures will introduce the theory of GIS science and laboratory classes will familiarize students with GIS software needed to accomplish the course objectives. The course will use data collected by students participating in the Newtown Creek analysis project, among other data sources, for a final mapping exercise.

Prerequisite: ENA/ENC/ENG101, MAT096

SCG250 Environmental Science

4 credits; 3 hours lecture, 3 hours lab

Environmental Science is the capstone course of the Environmental Science major. The course integrates biological, chemical and physical concepts with service learning. Understanding the earth as a dynamic system and addressing local environmental issues will be emphasized. Lab and field analysis of locally collected water, soil and air samples will be conducted as part of a team research project.

Prerequisite: ENA/ENC/ENG101, MAT200, SCG150

Pre- or Corequisite: SCB260, SSE104, SSE250

SCB265 Fundamentals of Ecology

4 credits; 3 hours lecture, 3 hours lab

This course is a comprehensive introduction to ecology. Students will be introduced to the kinds of questions asked by ecologists, the principal concepts and theories that guide ecological inquiry and the methods that are used to answer ecological questions. Particular emphasis will be paid to population, community and ecosystem level processes and both terrestrial and aquatic systems will be considered. The practical component of the course will include laboratory exercises as well as field work.

Prerequisite: SCB202, SCC202

SCN140 Wild New York

3 credits; 4 hours (2 lecture, 2 lab)

The goal of this course is to introduce students to the habitats and ecological communities in New York City's urban environment and the processes that have produced them. While emphasizing observational natural history, the course will encourage students to ask questions that can be addressed in a scientific manner. Through lectures, field trips and lab exercises, students will develop an understanding of the value of biodiversity and the ecological impact of human activity in the urban environment.

Prerequisite: ENA/ENC/ENG101, MAT096 or MAT119

This is a Writing Intensive course

Physical Sciences

SCP101 Topics in Physics

3 credits; 4 hours (2 lecture, 2 lab)

This survey course for nonscience majors covers major concepts in physics. Subjects included are Newtonian mechanics, conservation of energy, atomic theory, electrostatics and electricity, wave motion, light, and modern physics. Although mathematical formulas are used when necessary the emphasis is

on understanding the concepts. Principles studied are applied to analyze and understand topics ranging from energy conservation and global warming to photocells and optical fibers. Practical exercises are included.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SCP105 Life in the Universe

3 credits; 3 hours

This class explores the possibility that life exists elsewhere in the Universe. To investigate this topic, it is necessary to define what we mean by life and then discuss its origins and evolution. Topics covered in the course include identifying potential worlds where life could thrive, the properties of stars that could host habitable worlds, interstellar travel, and the search for extraterrestrial intelligence.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SCP140 Topics in Astronomy

3 credits; 3 hours (2 lecture, 1 lab)

This course surveys modern astronomy with special emphasis on recent developments in space and astrophysics. Among the topics to be covered will be planetary astronomy and geology, the moon, the possibility of life on other worlds, energy production in stars, stellar evolution, pulsars, quasars, "black holes," and cosmology. Laboratory periods will include field trips to planetariums and observatories in the N.Y.C. area.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SCP160 Foundations for the Physical Sciences

3 credits; 3 hours

This course focuses on the principles of physics and chemistry that form the foundation for college-level, one-year courses in these disciplines, as well as in biology, that are typically gateway offerings for many careers. Subjects covered include measurements and uncertainties, vectors, mechanics, energy, atomic theory, stoichiometry and chemical thermodynamics. The course is intended for students who have not taken chemistry and physics in high school or those who require a review of the covered subjects.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SCP201, 202 Fundamentals of Physics I and II

4 credits; 6 hours each (3 lecture, 1 recitation, 2 lab)

Fundamentals of Physics I and II are together a two-semester sequence covering the basic laws of physics with an emphasis on laboratory experience and mathematical solutions of problems. This is a basic course for students intending to continue their studies in the physical and biological sciences, since more advanced courses in the natural sciences assume knowledge of this material. Among the topics studied are: SCP201: The basic concepts of mechanics; kinematics; Newton's gravitation; conservation of momentum and energy; heat, emphasizing the kinetic theory; and electrostatics (charge, forces, fields, electrical energy.) SCP202: The basic concepts of electrodynamics

(currents and magnetism, electromagnetism); optics (wave theory, lenses); and modern physics (relativity, atomic theory, quantum mechanics.)

Prerequisite for SCP201: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

Prerequisite for SCP202: SCP201

SCP210 Science Research Skills Seminar

2 credits; 3 hours (1 lecture, 2 lab)

This course provides students interested in scientific research the quantitative and analytical skills necessary to apply for research opportunities in material science. Students will attend talks by researchers in material science and carry out independent experimental projects to prepare them for work in a typical research setting. At the end of the course students will prepare a resume in consultation with faculty and visiting speakers in order to apply to summer programs in materials research.

Prerequisite: ENG102, MAT200

Pre-or Corequisite: SCB201 or SCC201 or SCP201 or SCP231

SCP231 General Physics I

4 credits; 6 hours (3 lecture, 3 lab)

This is the first part of a computer-based physics course intended for students who want to major in science, computer science or engineering. Computers will be used in the laboratory in conjunction with traditional equipment for problem solving, data collection, and analysis. Topics covered include vectors, Newton's laws, equilibrium, rectilinear motion, two-dimensional motion, gravitation, Kepler's laws, work and the work-energy theorem, rotational motion, simple harmonic motion, the physics of fluids, and heat. This course is the first course in a two course calculus-based physics sequence (SCP231-232).

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT201

SCP232 General Physics II

4 credits; 6 hours (3 lecture, 3 lab)

This is the second part of a computer-based physics course intended for students who want to major in science, computer science or engineering. Computers will be used in the laboratory in conjunction with traditional equipment for problem solving, data collection and analysis. Topics covered include waves, wave motion, light propagation, geometrical optics, interference and diffraction, electric field and potential, capacitance and dielectrics, magnetic fields and forces, direct and alternating current, Ohm's law and electromagnetic waves. This course is the second course in a two-course sequence (SCP231-232)

Prerequisite: MAT202, SCP231

SCP233 Introduction to Modern Physics

4 credits; 6 hours (3 lecture, 3 lab)

This course is a continuation of the General Physics sequence. Students will be introduced to the two main paradigms of 20th century (modern) physics, Einstein's theory of relativity and quantum physics. The course will explore the limitations of classical physics within the framework of the scientific method and trace the development of modern physics. In the laboratory

part of the course students will perform simulations that demonstrate the properties of modern physics.

Prerequisites: MAT203, SCP232

Social Science Department

Room C459 (718) 482-5785

Social Science courses examine why people behave the way they do; why society is the way it is; who has power, wealth, and prestige; and how they got them. Many of the courses emphasize the themes of ethnicity, class, gender, and power through which students can better understand themselves, society, and the world in which they live. The department offers interdisciplinary courses as well as courses in anthropology, economics, history, political science, psychology, sociology and urban study.

Department Faculty

Vanessa Bing, Chairperson; Gilberto Arroyo, Lakshmi Bandlamudi, Darren Barany, Hara Bastas, Lara Beaty, Bojana Blagojevic, John Chaney, Lorraine Cohen, Timothy Coogan, Rebio Diaz Cardona, Colleen Eren, Corey Feldman, Camila Gelpi, Nurper Gokhan, Christian Gonzalez, Tomoaki Imamichi, Vincent Andre Keeton, Robin Kietlinski, Solomon Kone, Choon-Shan Lai, Steven Lang, Richard K. Lieberman, Arianna Martinez, Janet Michello, Karen Miller, Sreca Perunovic, Joanne Pierre-Louis, Joanne R. Reitano, Cecilia Salvatierra, Shara Sand, Young-Min Seo, John Shean, Nichole Shippen, Lily Shohat, Lisa Silverman, Maritza Straughn-Williams, Rebecca Tally, Eduardo Vianna, Henry Alexander Welcome, Jennifer Wynn

Anthropology

SSA100 Introduction to Anthropology

3 credits; 3 hours

In this course, students will be introduced to the fields of anthropology-physical anthropology, archaeology, cultural anthropology, and anthropological topics in linguistics. The aim shall be to explore the origins and development of some of the world's hunter-gatherer, agricultural, peasant and industrial societies. Utilizing examples from both extinct and modern-day societies, the student will gain an appreciation of the wide diversity of human cultures.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSA101 Cultural Anthropology

3 credits; 3 hours

This course examines the similarities and differences found in the various types of human cultures and societies. It acquaints students with the basic concepts that help explain differences and similarities. The role of culture and language in determining human behavior is examined as is the interrelationship of aspects of behavior (economics, politics, family, and religion) in different types of societies. Patterns of cultural change will also be discussed.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSA103 Introduction to Archaeology*3 credits; 3 hours*

This course provides an overview of the rapidly expanding field of Archaeology. Modern archaeological theories, the various disciplines of Archaeology, field techniques and the future of Archaeology will be covered. Emphasis will be placed on the history of the field, how modern archaeology varies from its earlier processes, and how archaeology relates to the various fields of social and natural sciences. Instruction will include both guided and assigned field trips.

Prerequisites: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096

SSA106 Anthropology of Latin America*3 credits; 3 hours*

This course will focus on the different peoples and cultures of Latin America, including Indian groups, rural communities of peasants, blacks and other plantation workers, urbanized peasants, urban workers, new middle classes and elites. The social and cultural organization of each of these groups will be examined, particularly in their relationship to the larger society. The impact of the global economy on Latin American cultures will also be examined.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSA120 Peoples and Cultures of the Caribbean*3 credits; 3 hours*

This course will survey the evolution of cultures in the Caribbean from the original formation of Native American societies through the age of European conquest, colonization and cultural dominance, to the contemporary period of national independence, and the revival of previously marginalized, subordinated cultures. The focus will be on analyzing the unique Caribbean economic, family, stratification, political, and cultural systems formed out of the fusion of Native American, European, African and Asian peoples and cultures.

Prerequisite: ENA/ENC/ENG101

SSN/HUN180 Introduction to Intercultural Communications*3 credits; 3 hours*

The course introduces students to the dynamics of intercultural communication and enables them to communicate more effectively in multicultural settings. Through field trips, cultural research, and role-plays, students develop the skills needed to look objectively at other cultures. Using New York City as a laboratory, they gain experience identifying and analyzing dominant cultural patterns, thus improving their ability to understand the often perplexing behavior of people from cultures other than their own.

Prerequisite: MAT095, ENA/ENC/ENG101, HUC101 or HUL100, and one Social Science elective from the list on page 193. This is a Writing Intensive course.

SSN182 Urban Anthropology*3 credits; 3 hours*

This course examines urban culture and society in different parts

of the world. It includes an examination of the role cities play in different societies, urbanization in developing societies, and a comparison of urban society and culture in developing societies with urban life in the United States. Field trips to sites in New York City such as new immigrant communities will be included to familiarize the students with recent changes in urban culture. *Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095, and one Social Science elective from the list on page 193. This is a Writing Intensive course.*

Criminal Justice**CJF101 First Year Seminar for Criminal Justice***3 credits, 4 hours (3 lecture, 1 lab)*

The First Year Seminar is required of all new students majoring in Criminal Justice and transfer students with less than 15 credits. Special topics in Criminology and Criminal Justice are taught in conjunction with college transition skills. Themes may include any subject in Criminology and Criminal Justice, e.g. wrongful convictions, mass incarceration or the death penalty, along with critical thinking skills, active learning and E-portfolio.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSJ101 Introduction to Criminal Justice*3 credits; 3 hours*

This course provides an introductory survey of the American criminal justice system and its four key components: police, courts, corrections and the juvenile justice system. It will introduce students to the definition, measurement and causes of crime.

General issues for consideration will include the role of discretion in the administration of criminal justice, due process, and contemporary changes in the American criminal justice system.

Prerequisite: CJF101, ENA/C/G101, SSP101

SSJ201 Criminology*3 credits; 3 hours*

This course explores the nature, causes and treatment of criminal behavior with an emphasis on classical and contemporary theories. The biological, social, psychological and environmental theories underlying crime and deviance are explored, as well as current approaches to punishment, treatment and prevention.

Prerequisite: SSJ101, SSP101

Pre-or Corequisite: SSS100

SSJ202 Corrections and Sentencing*3 credits; 3 hours*

This course examines the policies and practices of the criminal justice system following the arrest and conviction of a crime, including correctional law. The historical development of correctional institutions and sentencing ideology are discussed, as well as the functions of agencies that provide correctional supervision: probation, jails, prisons and parole. In addition, major trends and controversies in contemporary correctional practice are explored.

Prerequisite: SSJ101

Pre-or Corequisite: SSJ201, SSJ203

SSJ203 Policing*3 credits; 3 hours*

This course examines the historical development, present organization and multiple functions of policing. Readings will examine key areas in policing including: recruitment and training; stress and hazards of policing; police subcultures; methods of policing; the role of discretion; criminal investigation; legal concerns; police accountability; ethics and corruption; community policing and police-minority relations.

*Prerequisite: SSJ101**Pre-or Corequisite: SSJ201, SSJ202***SSN204 Crime and Justice in Urban Society***3 credits; 3 hours*

This course examines critical issues concerning crime and justice in urban settings. Some issues are current and topical, applying to the contemporary urban crime scene; others persist across generations. Themes explored include fear, crime and the city; social disorganization; prisoner reintegration; policing, gangs and gun control; and drug laws. This course will be a writing intensive and e-portfolio course with an experiential component.

*Prerequisite: ENG102 ENG103, MAT120, SSJ203**This is a Writing Intensive course.***Economics****SSE103 Introduction to Microeconomics***3 credits; 3 hours*

This course will study price determination and distribution under alternative market structures as well as government intervention in the market. A comparison of the market economy to alternative systems will also be examined.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096***SSE104 Introduction to Macroeconomics***3 credits; 3 hours*

This course will examine what determines the aggregate level of economic activity. The levels of production, employment and prices will be studied in relationship to aggregate expenditures. Institutional arrangements of monetary and fiscal policy to address unemployment and inflation will also be covered.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096***SSE105 International Economics***3 credits; 3 hours*

This course introduces students to the allocation of resources in the world economy. Specifically, students will examine how capitalist and socialist countries manage their resources. In addition, students will learn about major issues in international trade and finance, economic development in third world countries, pollution and the environment, defense spending, and the economics of energy.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT096***SSE125 World Geography***3 credits; 3 hours*

The course studies the influence of physical features and climates of the world on human activities, production, distribution, and other economic activities. Emphasis is placed on the location and distribution patterns of the world's resources and their uses. Topics studied include urban geography, geopolitics of oil and gas, and preparation and interpretations of maps by physical features and cultural aspects.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095***SSN189 The Urban Economy***3 credits; 3 hours*

This course examines key economic problems facing cities and urban neighborhoods, particularly those of New York City. The students will study how supply and demand, land use, taxation, national product, unions and state and federal policies affect the local economy. Through visits in their neighborhoods, and such places as the Office of Economic Development and the Stock Exchange, students will apply the above concepts to local issues of employment, housing, transportation and business activity.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095, and one Social Science elective from the list on page 193. This is a Writing Intensive course.***History****SSH101 Themes in American History to 1865***3 credits; 3 hours*

This course will focus on the major themes in American History from the colonial period to the Civil War. Topics such as slavery, women's roles, expansion, urbanization, reform movements, and the development of the American character will be examined in this course.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101***SSH102 Themes in American History Since 1865***3 credits; 3 hours*

This course will examine American history since 1865. Such topics as industrialization, labor unions, immigration, organization, political parties, reform movements, foreign policy, and the rise of the U.S. as the major force in the world will be covered in this course.

*Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101***SSH103 Western Civilization from Ancient Times to the Renaissance***3 credits; 3 hours*

This course investigates the main features of human civilization from ancient times to the Renaissance. The importance of geography, religion, custom and ideology are explored for the purpose of capturing the spirit of the past as well as understanding its relationship to the present.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSH104 Western Civilization from the Renaissance to Modern Times*3 credits; 3 hours*

This course discusses the major ways in which Western society has changed over the past 250 years. It covers the scientific revolution, the industrial revolution, and the major political revolutions. It also explores the impact of ideas such as liberalism, Marxism, Darwinism, Nazism and Freudianism. The two World Wars and prospects for world peace are examined.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSH105 World History from Ancient Times to 1500*3 credits; 3 hours*

This course is an introduction to world history from the earliest human records to the renewal of contact between the Eastern and Western hemispheres around 1500 C.E. Students will read primary and secondary sources related to the political, economic, social and cultural history of humanity with emphasis on the comparative development of civilization, the role of nomadic and pre-literate societies, and the interactions among different peoples and civilizations.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSH106 World History from 1500 to the Present*3 credits; 3 hours*

This course is an introduction to world history from around 1500 C.E. to the present. Students will read primary and secondary sources related to the political, economic, social and cultural history of humanity in the modern era, including such topics as the development of the nation-state, industrialization, world trade, imperialism, democratic, socialist, and nationalistic revolutions, the position of women in society, population growth, and changes in the human environment.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSH110 East Asian Civilization and Societies*3 credits; 3 hours*

This course concentrates on one of the oldest continuous civilizations in the world, East Asia, which includes, in geographical and cultural terms, the domains of China, Japan, Korea and Vietnam. Using both chronological and topical approaches, the course examines historical and social development in East Asia. Topics include the dynastic transition, economic structures, social organizations and customs, as well as the scholarly and artistic traditions in East Asia. Throughout the course, students learn to appreciate the richness of East Asian culture and gain a knowledge of the growing political and economic power of this region.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSH113 Modern Chinese History*3 credits; 3 hours*

This course examines Chinese history from the beginning of the Qing Dynasty (1644) to the present. Students will become familiar with modern Chinese history, learning in the process the context of current news and views on China. We will consider the effects of Western and Japanese imperialism,

including key events that led to China becoming the world's largest communist nation. The reemergence of China on the global economic stage after over a century of economic and humanitarian disasters will be examined.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSH114 Modern Japanese History*3 credits; 3 hours*

This course will cover the history of Japan from the beginning of the Tokugawa era (1600) to the present, with the goal of providing a comprehensive understanding of the political, economic, and socio-cultural changes that occurred during this period. Throughout the course we will consider such themes as isolationism, fascism, imperialism, democracy, minorities, capitalism and gender in the context of modern Japan.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSH121 Ancient Greek Civilization*3 credits; 3 hours*

This course is a survey of Greek civilization from prehistoric times through the Roman era. Discussion will focus on cultural developments and literature, art and architecture, mythology and religious beliefs, social and political organization and the family, gender roles and the idea of the individual, and political events. Emphasis will also be placed on the interaction of Greeks with neighboring cultures and the lingering influence of Hellenic civilization on our own time.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSH122 History of the Roman State and People*3 credits; 3 hours*

This course is a survey of the history of the Roman state from its origins as an Italian city-state to the demise of the western empire in the fifth century CE with an emphasis on the evolution of Roman law and political institutions, warfare and military organization, social and demographic change, economy, daily life, family life and the role of women, religion and the rise of Christianity, sports and leisure, literary and cultural achievements, and the continuing influence of Roman civilization on our own time.

Prerequisite: CSE099, ENA/ENG/ESA099/ENC101

SSH151 Women and Gender in U.S. History*3 credits; 3 hours*

This course is a survey of women's history in the United States. It also examines the changing meanings of gender in American history. In other words, the course will explore women's experiences at the same time that it will examine how ideas about femininity, masculinity, families, sexuality, sex, and other pertinent categories of identification have changed over time.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSH153 History of the United States and World Affairs*3 credits; 3 hours*

This course examines US foreign policy and international relations from the country's founding to the present. It will trace the United States' growth from a small Atlantic republic to a

vast empire spanning the continent and the world. It will analyze economic, intellectual and political contests over and consequences of US foreign policy; examine the methods used to extend the nation's borders, commerce and influence; and explore the effects of global engagements on the nation's values and institutions.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSH231 Afro-American History

3 credits; 3 hours

This is an introduction to some of the basic issues in the black American's struggle against slavery and racist oppression in the United States. Special attention is given to the following: the methods that blacks have used in their attempts to bring about social change; important persons and institutions from the African beginning to the present; and the contributions blacks have made to American society.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSH232 Survey of Latin America and Caribbean History

3 credits; 3 hours

This course begins with a study of the interaction between the Indian, European, and African peoples who shaped the history of Latin America and the Caribbean. It then considers the colonial period, the Independence movements, and the challenge of modernization in selected Latin American and Caribbean nations. The relationship between Latin America and the United States will also be discussed.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSN183 History of Minorities

3 credits; 3 hours

This course focuses on the experiences of and challenges to minorities in the United States. It examines changing patterns of the immigration, settlement, and employment of various minority groups including Afro-Americans, Irish-Americans, Hispanic-Americans and Asian-Americans. In addition, the situation of the Native Americans, women, gays and the aged will be discussed in an historical context.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095, and one Social Science elective from the list on page 193. This is a Writing Intensive course.

SSN199 Neighborhood History

3 credits; 3 hours

This course will study the social, economic, and political changes of New York City neighborhoods. The focus will be on the people who migrated into, lived, and then moved out of these neighborhoods. Through field research, students will look closely at such things as immigration, housing, businesses, government legislation, and mass transit lines that have significantly affected neighborhood changes. The course will include field trips such as walking tours and a visit to Ellis Island.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095, and one Social Science elective from the list on page 193. This is a Writing Intensive course.

SSN240 History of New York City

3 credits; 3 hours

This course is about the development of New York City from colonial times to the present. It deals with changes in housing, transportation, immigration, politics and social classes. The rise of New York City as a financial and cultural center will be discussed. New York City's current problems and future prospects will be assessed. The course includes a walking tour of old New York and a museum trip.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, and one Social Science elective from the list on page 193.

This is a Writing Intensive course.

Political Science

SSP101 U.S. Power and Politics

3 credits; 3 hours

This course analyzes the relationship between the theory, form, and practice of American government. The course studies the strengths and weaknesses of the American political system. A major concern of the course is the nature of power in America and the options for reforming the American political system.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSP200 Global Politics

3 credits; 3 hours

This course will investigate the dynamics of global politics among nation states and other actors in global affairs. After an introduction to the international system and globalization, the class will study major international relations theories and use them to analyze current and past events in global politics. The course will explore various global issues including war, terrorism, genocide, security, peacebuilding, development, human rights, free trade etc. Students will focus on case studies of their choice.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSP220 Politics of Latin America and the Caribbean

3 credits; 3 hours

This course will examine the major groups which seek power in Latin America and the Caribbean, and analyze the various strategies they use including revolution, populism, democratic reform, socialism and military authority. The prospects for modernization will be drawn from a variety of Latin American and Caribbean countries. The course includes discussion of the role of foreign nations in the politics of this area.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

SSP240 The Politics of Crime and Punishment in the U.S.

3 credits; 3 hours

This course will examine the political context of crime and punishment in the United States. As such, it will investigate the relationship of crime, punishment, society, and politics. The course will present a systemic and critical analysis of the

political economy of law, criminal justice, mass incarceration, militarization of police, the wars on crime, drugs, and terrorism and their impact upon civil liberties and human rights.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSP245 Law and Human Rights in America

3 credits; 3 hours

This course will focus on the legal aspects of human rights issues in America. Starting with the origins of democracy and the Bill of Rights, students will explore major Supreme Court cases and Constitutional amendments dealing with such topics as freedom of speech, freedom of the press, freedom of religion, the right to vote, equality before the law, and the rights of the accused.

Controversial contemporary issues such as abortion, privacy, and gun control will also be discussed in a legal context.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSP250 Political Ideas and Ideologies

3 credits; 3 hours

This course explores the relationship between political ideas and practice. Political ideologies such as liberalism, conservatism, socialism, and liberation ideologies (feminist, black and gay/lesbian) are examined in their historical development. The relationship between their goals and the methods used to achieve them is analyzed and criticized. The relevance of these ideologies for understanding current political issues is discussed. Readings include original theories of politics as well as commentaries upon them.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

SSN190 Leadership

3 credits; 3 hours

This course explores alternative leadership theories and styles. It focuses on leadership within the urban context and on the importance of New York City figures such as Boss Tweed, Fiorello H. LaGuardia and Shirley Chisholm. Special reference will be made to the particular leadership problems presented by cities. The course will include speakers and field trips to centers of leadership in New York City, either on the citywide or community level, in the public or private sector.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, and one Social Science elective from the list on page 193.

This is a Writing Intensive course.

SSN192 Practical Politics in New York City

3 credits; 3 hours

This course examines New York City as a unique political entity within the context of urban politics in America. It explores the roles of elected officials, community boards, unions, minority groups and business interests in political decision making. The course includes guest speakers and field trips.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, and one Social Science elective from the list on page 193.

This is a Writing Intensive course.

SSN210 The Politics of Sexuality

3 credits; 3 hours

This course explores how urbanization and socio-economic development have made sexuality a political issue. Topics are discussed from a cross-cultural perspective and include separation of sexuality from reproduction, AIDS, alternative definitions of family, the extent of personal freedom as compared with social control of sexual expression and others. Special attention is given to how these topics are addressed through feminist, religious, gay/lesbian and other movements. At least two field trips are required.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095, and one Social Science elective from the list on page 193. This is a Writing Intensive course.

Psychology

SYF101 First Year Seminar for Psychology

3 credits, 4 hours (3 classroom, 1 lab)

The First Year Seminar is required for new students majoring in Psychology. Its goals are to introduce students to psychology and develop critical thinking that allows them to compare and contrast theoretical approaches in relation to research relevant to student success, such as learning, identity, and motivation.

Taught by psychology faculty and supported by peers, advisors, co-curricular professionals, this course addresses issues related to navigating personal development and academic achievement in psychology.

SSY101 General Psychology

3 credits; 3 hours

This course is an introduction to some of the major fields and theories in the science of psychology, covering a range of topics such as biological foundations, learning, cognition, emotion, perception, theories of personality, psychological disorders and their treatment and the research methods of psychology.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

SSY105 Learning and Education: Childhood to Adolescence

3 credits; 3 hours

This course examines the principles in child development from birth through adolescence, and explores how cognitive, emotional, physiological and social changes impact learning. The role of culture, family, race, class and environment will serve as the framework for understanding development and its importance for how children learn. Students will be taught research and child observation methods and how to apply these tools in diverse educational and community settings. 25 hours of classroom observation required.

Prerequisite: ENA/ENC/ENG101

SSY200 Personality

3 credits; 3 hours

Theories, methods, and selected issues in the field of personality

will be discussed in the context of achieving greater self-awareness and insight into the behavior of others. Among the topics discussed are: psychoanalytic, behavioristic and phenomenological theories of personality types and traits, the achievement of self-knowledge, psychological testing, and personality research methods.

Prerequisite: SSY101

SSY203 Experiential Learning in Psychology

3 credits; 3 hours

Experiential learning provides a framework for the application, synthesis, and concretization of theories and concepts taught in psychology. Directed by a faculty mentor in the discipline, students will engage in research or a project, directly related to the goals of the psychology program. Students will be required to dedicate 10 hours per week to their projects, as well as 1 hour per week, for in-class instruction with a faculty mentor.

Prerequisites: ENG102, ENG103, MAT112, SSY101

SSY205 Psychology of Women

3 credits; 3 hours

This course will critically examine gender bias and gender exclusion in research and theory in psychology. The topics will include interconnections between biology and gender, focusing on the psychological factors of menstruation, sexuality, pregnancy, childbirth, motherhood, abortion and menopause. The course will focus on the experiences of women of different racial and ethnic backgrounds and examine how these biological functions shape their identity. Throughout the course, students will critically examine the social and political contexts that define women's bodies and familiarize themselves with critical feminist consciousness.

Prerequisite: SSY101

SSY210 Principles of Behavior Management

3 credits; 3 hours

This course will provide students with an overview of behavior modification principles which are based on theories of learning in relation to the acquisition, maintenance and modification of human behavior. The course focuses on the specific application of these principles to special needs populations. Topics will include assessment and data collection techniques, design of effective multicultural behavioral programs, and ethical issues in behavior treatment.

Prerequisite: ENA/ENC/ENG101, SSY101

SSY230 Abnormal Psychology

3 credits; 3 hours

This course introduces the major categories of psychological disorders and their symptoms, including diagnostic procedures, causal factors and treatment. Among the disorders covered are psychotic disorders, mood disorders, anxiety disorders, disorders of childhood and adolescence and personality disorders. Theoretical perspectives for understanding psychological disorders will also be discussed.

Prerequisite: SSY101

SSY240 Developmental Psychology I

3 credits; 3 hours

This course will address the theories of development while providing critical review of the relevant empirical data from conception to adolescence. It covers various domains of development in the growing child — physical, cognitive, social and emotional realms. Implications for parenting and schooling will be discussed within a cultural-historical context.

Prerequisite: SSY101

SSY241 Developmental Psychology II

3 credits; 3 hours

This course examines the biological, psychological, and social changes in adults and the principles underlying these changes. The course explores such topics as social sex roles, self-identity, self-esteem, worker productivity, ideas and values. Students will learn about adult life crisis issues such as marriage, divorce, mid-life crisis, menopause, unemployment and aging.

Prerequisite: SSY101

SSY250 Social Psychology

3 credits; 3 hours

This course examines how the individual's personality is affected by the influences of other people and the physical and social environment. Understanding how people develop and form attitudes, conform to expected group behaviors, and make various decisions will guide the focus of this course. Students will explore tools of psychological research and inquiry and will be exposed to key topic areas including social perception, conformity and persuasion.

Prerequisite: ENG102, SSY101, SSY230, SSN184 or SSN280

SSY260 Group Dynamics

3 credits; 3 hours

This is an introduction to the theory, research and practice of group dynamics, and small group interaction in a variety of settings. Methods and techniques utilized in the investigation of small group processes will be demonstrated and critically examined. Through participation in role playing and small group interaction, students will be introduced to basic principles of interpersonal and group dynamics in families, in groups, and at work.

Prerequisite: SSY101

SSN184 Environmental Psychology

3 credits; 3 hours

This course explores the relationship between the urban physical environment and human behavior. Topics to be considered include the effects of personal space, noise, crime, crowding, architectural design and urban blight on the actions and feelings of urban dwellers. Two field trips in this course will be based on research projects aimed at understanding behavior in such urban settings as subways, parks and neighborhoods.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, and one Social Science elective from the list on page 193.

This is a Writing Intensive course.

SSN280 Urban Black Psychology*3 credits; 3 hours*

This course introduces students to psychological theories and issues relating to blacks in America. Emphasizing the shift from rural to urban environments, it examines the impact of slavery and racism on blacks. With special reference to New York City, the course investigates the relationship between black personality and family, education, work, culture and mental health. There will be field trips to Harlem and to a community mental health center.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, and one Social Science elective from the list on page 193.

This is a Writing Intensive course.

Sociology**SSS100/SSB110 Introduction to Sociology: Contemporary Society***3 credits; 3 hours*

This course offers students information and ideas with which to understand the social factors of human life. It places the study of social interaction, social processes, and social institutions in an historical context. It examines the human condition with particular reference to work, to culture, to personality, to ethnic, class, and gender relations, as well as to economic and political institutions. (SSB110 is the bilingual version of SSS100.)

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101

Prerequisite for SSB110: CSE099, ESL/ESR098

Pre- or Corequisite for SSB110: ESL/ESR099

SSD/BTC105 Computers and Society*3 credits; 4 hours*

This course examines the relationship between human values, society, and technology. It begins with an explanation of how computers work and then investigates how technology affects such issues as jobs, privacy and education. Lab work is included.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

SSI210 Women in Society*3 credits; 3 hours*

The course will examine the role of women in society from historical and cross-cultural perspectives. It will examine women's psychological issues, economic functions, and their relationships to social institutions. The debates surrounding women at work, women in politics and women's movements will be discussed.

Prerequisite: ENA/ENG099, ESA099, ENA/ENC101, SSS100 or SSB110

SSN103 Introduction to Labor and Community Organizing*3 credits; 3 hours*

This course introduces social science perspectives on the theory and practice of labor and community organizing within the urban environment. Students analyze case studies that focus on struggles within a local and global context shaped by different

kinds of social inequality including class, race, ethnicity, gender, age and sexual orientation. Students will learn about new models of organizing, and organizing as a career. The class will go on urban field trips and role-play organizing skills.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, and one Social Science elective.

This is a Writing Intensive course.

SSN186 Sociology of the Black Community*3 credits; 3 hours*

This course is about the social dynamics of Black communities in urban America. With special reference to New York City, it examines the socialization process, the family, education and organizational life within urban Black communities. Current problems and future prospects for the urban Black community are discussed. Field trips to communities such as Harlem and Bedford Stuyvesant are included.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095, and one Social Science elective from the list on page 193. This is a Writing Intensive course.

SSN187 Urban Sociology*3 credits; 3 hours*

This course examines changing ideas about the city and the changing impact of the city on American lifestyles. With reference to New York City, the course explores the origins and the social structure of the city. It focuses on the relationship of class to family, gender, education, ethnicity, religion, politics and economics. Visits to housing projects, community organizations or service delivery agencies will familiarize the students with the issues of planning and change in the city.

Prerequisite: CSE099, ENA/ENG/ESA099/ENC101, MAT095, and one Social Science elective from the list on page 193

Prerequisite for Computer Technology, and Engineering Science majors: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095.

This is a Writing Intensive course.

SSN/ENN193 Ideal Societies*3 credits; 3 hours*

This course is designed to help students understand utopian movements in urban society from historical, psychological and sociological perspectives. This course will focus on both the causes for creating utopian experiments and the ways in which utopias approach family structure, religion, education, power and economic organization. Literary versions of utopian communities will be studied. Field trips may be taken to such places as Roosevelt Island and Shaker Village.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, and one Social Science elective from the list on page 193

This is a Writing Intensive course.

SSN194 Religion and Social Change*3 credits; 3 hours*

This course will trace the evolution of traditional and non-traditional religions among various groups within the New York City religious community. The course will focus on Latin groups and Eastern religions as well as social action projects sponsored

by mainline major denominational groups. Field interviews by students will be made.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095, and one Social Science elective.

This is a Writing Intensive course.

SSN202 Environmental Sociology

3 credits; 3 hours

This course examines sociological perspectives on the environment. It will explore how humans interact with and help to shape the environment. Special emphasis will be placed on the role that economics, politics, culture, science and technology play in urban environmental affairs. It will also apply basic sociological concepts such as social class, gender, race and ethnicity, inequality and conflict to environmental issues within urban settings.

Prerequisite: CSE099, ENA/ENG099, ESA099, ENA/ENC101, MAT095

This is a Writing Intensive course.

SSS102 Social Movements

3 credits; 3 hours

This course examines the political and cultural conditions and processes involved in the formation and functioning of social movements. Social movements are understood as the organized, collective efforts of people to influence the direction of social change. Against the background of a broad historical and cross-cultural perspective, emphasis will be on social movements in the USA, including the labor movement, the civil rights movement and the women's movement. There will be at least two field trips.

Prerequisite: ENA/ENG099, ESA099, ENA/ENC101 and SSS100 or SSB110

SSS175 Sociology of Organizations

3 credits; 3 hours

This course will analyze the social structure and dynamics of large scale organizations such as the corporation, the government agency, and the labor union. It will examine the significance of these organizations in the larger world as well as investigate the social worlds which exist within these organizations. Through this course, the student will come to understand the interaction between individual personality and bureaucratic structure.

Prerequisite: ENA/ENG099, ESA099, ENA/ENC101, SSS100 or SSB110

SSS185 Sociology of Education

3 credits; 3 hours

This course examines the social, cultural, political, and economic forces that have shaped the relationships between educational institutions and society. The course will look at such factors as family, economic status, community, conflicting perspectives on the nature and purpose of education, and the role of government. This course will also examine current debates in the field, including the role of teachers and teacher education.

Prerequisite: ENA/ENG099, ESA099, ENA/ENC101, SSS100 or SSB110

SSS190 Sociology of the American Deaf Communities

3 credits; 3 hours

This course examines the concepts of culture and community and their applications to the deaf and hard of hearing communities. This inquiry leads to an understanding of the implications of culture and community for the individual and to an exploration of the current economic, political, and social issues with the deaf and hard of hearing communities, as well as future directions.

Prerequisite: ENA/ENC/ENG101, SSS100 or SSB110

SSS280 Sociology of the Family

3 credits; 3 hours

This course examines the contemporary American family from historical and cross-cultural perspectives. It considers sub-cultural variations within American society; the influence of industrial and technological changes on family life; relationship of socialization to personality development; programs to meet family needs; dating, courtship and marriage.

Prerequisite: ENA/ENG099, ESA099, ENA/ENC101, SSS100 or SSB110

Social Science Course Prerequisite for Urban Study Courses designated SSN

One of the following courses:

SSA100	Introduction to Anthropology
SSA101	Cultural Anthropology
SSE103	Introduction to Microeconomics
SSE104	Introduction to Macroeconomics
SSP101	U.S. Power and Politics
SSP250	Political Ideas and Ideologies
SSS100	Introduction to Sociology
SSY101	General Psychology
SSH101	Themes in American History to 1865
SSH102	Themes in American History since 1865
SSH103	Western Civilization from Ancient Times to the Renaissance
SSH104	Western Civilization from the Renaissance to Modern Times
SSH105	World History from Ancient Times to 1500
SSH106	World History from 1500 to the Present
SSH110	East Asia Civilization and Societies
SSH231	Afro-American History
SSH232	Survey of Latin American and Caribbean History

HEGIS CODES

All degree and certificate programs offered by LaGuardia Community College are registered with the New York State Education Department. Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for certain student aid awards.

The following is an official list of State approved programs, HEGIS (Higher Education General Information System) codes and approved degrees. LaGuardia Community College — New York State Institution No. 1100.

N.Y.S. Program Name	N.Y.S. Degree Approved	H.E.G.I.S. Code No.
Accounting	AS	5002
Biology	AS	5604
Business Administration	AS	5004
Commercial Foodservice Management	AAS	5404
Commercial Photography	AAS	5007
Commercial Photography	CERT	5007
Communication Studies	AA	5606
Computer Operations: Network Admin. & Security	AAS	5105
Computer Science	AS	5103
Computer Technology	AAS	5105
Criminal Justice	AS	5505
New Media Technology	AAS	5199
New Media Technology Digital Media Arts	CERT	0605
Dietetic Technician	AS	5404
Childhood Education	AA	5649
Secondary Education	AA	5649
Education Associate: The Bilingual Child	AA	5503
Emergency Medical Technician/Paramedic	AAS	5299
Engineering: Civil	AS	5609
Engineering: Electrical	AS	5609
Engineering: Mechanical	AS	5609
Environmental Science	AS	5499
Fine Arts	AS	5610
Food Service Management	AAS	5404
Human Services: Gerontology	AA	5506.20
Human Services: Mental Health	AA	5216
Industrial Design	AAS	5303
Liberal Arts: Social Sciences & Humanities	AA	5622
Liberal Arts: Mathematics and Science	AS	5649
Music Recording Technology	AAS	5399
Nursing	AAS	5208.10
Occupational Therapy Assistant	AAS	5210
Paralegal Studies	AAS	5099
Philosophy	AA	5620
Physical Therapist Assistant	AAS	5219
Practical Nursing	CERT	5209.20
Programming and Systems	AAS	5103
Radiologic Technology	AAS	5207
School Foodservice	AS	5404
Spanish-English Translation	AA	5599
Travel, Tourism and Hospitality Management	AAS	5011.10
Veterinary Technology	AAS	5206
Writing and Literature	AA	5615

LAGUARDIA COMMUNITY COLLEGE ADMINISTRATION

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Robert Jaffe, *Senior Advisor*
Jemma Robain-LaCaille, *Counsel to the President, Labor & Legal Affairs Designee*

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Steven Hitt, *Director, LaGuardia Performing Arts Center*
Dr. Karlyn Koh, *Director, Honors Program*
Dr. Richard K. Lieberman, *Director, LaGuardia and Wagner Archives*

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Dr. Vanessa Bing, *Social Science Department*
Dr. Philip Gimber, *Health Sciences Department*
Dr. Marisa A. Klages-Bombich, *Education and Language Acquisition Department*
Michael Napolitano, *Business and Technology Department*
Bruce Noble, *Principal, Robert F. Wagner, Jr. Secondary School for Arts and Technology*
John C. Starkey, *Principal, The International High School*
Michael Rodriguez, *Humanities Department*
Linda Siegmund, *Principal, Middle College High School*
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Hillary Gardner, *Director, Center for Immigrant Education and Training*
Janelle Greco, *Director, Pre-College Academic Programming*
Adjoa Gzifa, *Director, Workforce Education Center*
Edgard Hernandez, *Director, Procurement Technical Assistance Center*
Assuanta Howard, *Educational Services Director, 10,000 Small Businesses Program*
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LaVora Desvigne, *Director, Admission Services*

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Loretta Capuano-Vella, *Director, Student Information Services*

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Judith Gazzola, *Senior Director, Advisement and Career Services*

Ramon De Los Santos, A.S.A.P.

Jessica Perez, *Director, Center for Career and Professional Development*

Suraj Singh, *Director, College Discovery*

Ada Bedor, *Director, C.O.P.E.*

Pressian Nicolov, *Director, International Students Office*

Jhony Nelson, *Director, Office for Students with Disabilities*

Burhan Siddiqui, *Registrar*

Bartholomew Granchan, *Transfer Services*

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ACADEMIC REQUIREMENTS AND POLICIES

Academic Requirements

Students must successfully complete a specified number of required courses prior to graduation. Students can review their individual academic requirements anytime at www.laguardia.edu/degreeaudit. The number of courses required differs with each major and also depends on the amount of basic skills work needed as explained below. It is important that students consult each semester with a faculty member or academic advisor to arrange an appropriate sequence of courses. The basic skills, ESL and college-wide requirements are outlined in this section.

BASIC SKILLS PROGRAM

To be successful at LaGuardia, all students must be able to use reading, writing and mathematical skills. The college offers a comprehensive basic skills program to help students achieve success in their college careers.

The Basic Skills Program includes:

1. Careful evaluation of each student's basic skills needs
2. A variety of courses in reading, writing and mathematics geared to specific skill levels; and
3. Extensive counseling help in making academic, vocational and personal decisions

Since basic skills courses are designed to teach skills needed in other subjects, students are required to attend these courses regularly and to complete these courses during their first 36 credits earned at the College. Students who need to take several basic skills courses should expect to take extra time to complete all of their LaGuardia degree requirements.

Evaluation and Placement

The basic skills course requirements for each student are determined by scores on placement tests, unless the student is exempt (see University Testing Policies and Procedures, page 9). When students arrive for their first semester registration appointment, they meet with staff to review their initial placement(s) and plan their first semester programs. No degree or certificate student will be permitted to register for classes without having taken the placement tests.

Students who do not pass one or more of the three parts of the placement test must take a retest when they complete their basic skills courses in that area. All tests must be passed while at LaGuardia if a student wishes to transfer to a four-year college in CUNY.

Basic Skills Courses

For detailed descriptions of these courses, please refer to the Course Description section of the catalog. In general, students are required to complete each course in the sequence to which they are assigned from the point of their initial placement.

Writing: There are generally three Basic Writing courses: Basic Writing (ENA099) for those students who are placed into CSE095, and Basic Writing (ENG099 or ENA101) for those students who are placed into CSE099. Students who receive an "R" or "F" grade in ENA099 cannot repeat this course but must take ENG099 instead. Students taking ENG099 or ENA101 who are waived from or have successfully completed CSE099 may also register for an introductory course in their major.

Note: Students who receive an “R” or “F” grade in ENG099 but who successfully completed an introductory course in their major may not proceed to advanced-level courses in their major until they successfully complete ENG099. However, they may register for another introductory course.

Reading: There is one Basic Reading sequence: Essentials of Reading I (CSE095) followed by Essentials of Reading II (CSE099).

Mathematics: There are two Basic Math courses: Introduction to Algebra (MAT095) followed by Elementary Algebra (MAT096). Students must pass the mathematics retest to earn a passing grade in MAT096 and to be able to register for higher-level math courses.

Students who are required to take ENA/G099, CSE095, and MAT095 or MAT096 are recommended to take all of these courses as early as possible in their program.

The University has stated that as of Fall 2000, students must pass a retest in all basic skills programs into which they have originally been placed to exit from the program.

Tutorial Laboratories and Services

Each of the basic skills departments provides, in addition to classroom instruction, individual or small-group tutoring services.

The Writing Center offers help in all areas of writing, from grammar through complex essays and reports. Peer tutors, students who have successfully completed ENG104, provide a portion of the tutoring services.

The mathematics lab, and the reading lab provide personal tutoring, as well as audio-visual aids to help students master basic skills and concepts necessary for success in college and for a career.

Pairs and Clusters

At times, the College may link sections of two or more courses in “pairs” or “clusters.” The purpose is to enable students to see connections between subjects by offering an integrated, multidisciplinary, educational experience.

Some students, depending on their initial placement and/or career goals, may be required to register for paired or clustered courses. Other students may elect to take sections that are paired or clustered.

Express Courses (see First-Year Institute, page 11)

During intersession periods, the College may offer express courses. Express courses offer students the opportunity to advance in basic skills areas by taking concentrated periods of computer-supported instruction. The college currently offers express courses in writing, reading, math, and ESL. Students eligible to participate in express courses will be invited to apply by the College.

COOPERATIVE EDUCATION AND EXPERIENTIAL LEARNING

As part of the requirements for some LaGuardia degrees, students are required to complete successfully internships or experiential learning courses.

In addition, all students in the following specialized curricular areas are also required to complete successfully Cooperative Education courses or their equivalent: Human Services, Occupational Therapy Assistant, Veterinary Technology, Dietetic Technician, Education Associate: The Bilingual Child, Physical Therapist Assistant, Foodservice Management and School Foodservice Management. Students in these specialized curricular areas should consult with their departments for specific guidelines regarding their requirements.

ENGLISH AS A SECOND LANGUAGE

LaGuardia Community College offers through its English as a Second Language Program (ESL), housed in the Education and Language Acquisition Department, a three-level, integrated language skills program for students whose native language is not English. Students are placed in the program on the basis of their writing scores on a placement test. Students who do not qualify for ESL college courses may be referred to the CLIP Program. ESL courses offer intensive instruction in reading, writing, speaking, and listening. The sequence ranges from a beginning-level course designed for students with little or no English to an advanced course focusing on expository writing and critical reading skills. In addition, the ESL lab provides individual and small group tutoring.

The ESL sequence consists of the following courses:

ESL II (097), ESL III (098), and ESL IV (099). ESL for Select Readers (ESR098 and ESR099) are offered to new students based on high reading scores on the placement test. Students who receive an “R” or “F” grade in ESR098 or ESR099 cannot repeat these courses but must take ESL098 or ESL099 instead.

Students are generally required to complete the ESL sequence from the point of initial placement. Once the ESL sequence is completed, students can expect to take ENG099. For detailed descriptions of the courses, please refer to the Course Description section of the catalog.

E-PORTFOLIO

Each LaGuardia student creates an individual ePortfolio, a digital tool that enables students to collect and store their academic work; to select their best work to showcase; to reflect on their learning over time; and to connect with classmates, friends, family and employers. ePortfolios serve as an important component of the overall curriculum at LaGuardia Community College. Students begin the staged process of building their ePortfolios during their first semesters at the College and continuously reflect and refine their presentation as they progress. At each stage, students add more work and connect their learning to understand the process of growth and improvement. Because the student work collected in ePortfolios helps LaGuardia faculty assess and improve the College’s academic programs, students are required to deposit work into their ePortfolios at designated points in every curriculum.

GENERAL EDUCATION CORE COMPETENCIES

As part of a student's general education requirements, all students are required to work on developing a series of core competencies. Each major has designated specific courses in which these competencies will be reinforced and students' work will be deposited in their ePortfolios. Faculty will inform students what assignments to deposit and which competency those assignments meet. For more information, please look at: <http://www.laguardia.edu/assessment>.

Definitions of LaGuardia Community College Core Competencies

Inquiry & Problem Solving -- refers to the ability to design, evaluate, and implement a strategy or strategies to answer an open-ended question or achieve a desired goal.

Global Learning -- is a critical analysis of and an engagement with complex, interdependent global systems and legacies (such as natural, physical, social, cultural, economic, and political) and their implications for people's lives and the earth's sustainability.

Integrative Learning -- is an understanding & a disposition that a student builds across the curriculum & co-curriculum, from making simple connections among ideas & experiences to synthesizing & transferring learning to new, complex situations within & beyond the campus.

Our new Core Competencies are communicated via three abilities:

Written -- is the development and expression of ideas in writing. Written communication involves learning to work in many genres and styles. It can involve working with many different writing technologies, and mixing texts, data, and images.

Oral -- serves to negotiate meaning with others, impart knowledge clearly, foster understanding, and/or influence opinion.

Digital -- is the ability to create, evaluate, present, and communicate using a range of digital technologies. It requires one to manipulate and adapt digital media in order to effectively express ideas to others. For our purposes, digital communication emphasizes multi-media forms of expression, such as text, image, and/or video, as well as various platforms for digital interaction, including discussion threads, instant messaging, and social media.

INTERNSHIP PROGRAMS AND EXPERIENTIAL LEARNING

One of the major premises of LaGuardia's educational model is that learning takes place in many different settings. The College provides students with a variety of internship and experiential learning opportunities that enable them to realize their full potential in work, education, and everyday life. These experiences help students to:

- ▶ Explore various career options and/or confirm career plans
- ▶ Apply classroom learning to real work situations
- ▶ Develop core competencies in the context of the workplace
- ▶ Practice and strengthen interpersonal and technical skills

Faculty work closely with students throughout their internship and experiential education experience. These opportunities are required in many majors and elective choices in others. Internships or Fieldwork is required for all students in the following specialized curricular areas: Dietetic Technician, Education Associate: The Bilingual Child, Human Services, Occupational Therapy Assistant, Physical Therapist Assistant, Radiologic Technology, Foodservice Management, School Foodservice Management, and Veterinary Technology. Students should consult with their programs for specific guidelines regarding their internship and experiential education requirements.

Visit <http://www.laguardia.edu/Experiential-Learning> to learn more.

Internships

An internship course is defined as an internship and a seminar.

Credits are awarded for each internship course. Placement on internships is determined by a student's interests, needs and academic progress, as well as market conditions and the availability of appropriate internships. Students choose their internships from cooperating companies, government agencies, and not-for-profit organizations. Students also may develop their own internships or use existing jobs as internships if the work fulfills career-related learning objectives. Students are evaluated by their internship site supervisor. This evaluation is a major part of the final grade for the internship experience. The Internship Seminar is the way the College links the work experience with opportunities for critical analysis and reflection. The seminar curriculum provides a framework for students to analyze and evaluate their internship experiences. The internship grade is determined by the degree to which a student meets the requirements for both the internship and the internship seminar.

By Federal law, projected internship earnings, minus expenses, will be applied against all financial aid awards other than TAP and PELL. Students must consult with their program advisor and a Financial Aid Counselor to determine how their financial aid may be affected.

Students with temporary non-immigrant status who take an internship should meet with one of the College's International Student Advisors who will explain and help process the steps necessary to receive official authorization from the Immigration and Naturalization Service to work. This must be done before an internship begins.

Termination or withdrawal from an internship is subject to the approval of the student's program advisor. It is recognized that termination of an internship may be due to a variety of justifiable reasons. and each case will be handled individually.

NEW STUDENT SEMINAR

New Student Seminar is an orientation course required of all entering freshmen and transfer students. Taught by the Counseling faculty, it is designed to help students adjust to college life and demands, improve their study skills and begin the process of educational and academic planning to achieve their career goals.

URBAN STUDY REQUIREMENT

LaGuardia Community College is proud of its unique urban study graduation requirement. It reflects the College's commitment to the communities it serves and to its students as future leaders of those communities. Urban study courses promote a multi-disciplinary understanding of the urban environment enriched by a hands-on, experiential approach to learning in and through the city.

At least one urban study course must be completed by each degree candidate for graduation. A course taken at an accredited college in New York City that fulfills the criteria for the urban study course and is the equivalent of an existing LaGuardia urban study course may fulfill the urban study requirement. Some urban study courses will be offered each semester. Some urban study courses also fulfill the liberal arts elective requirement. Others fulfill only the unrestricted elective requirement.

Urban study courses:

- ▶ Focus primarily on aspects of urban life that help students understand the dynamics of cities and related controversies
- ▶ Explore systematically the resources of New York City in order to reinforce and expand upon course concepts. Students will be required to participate in at least two field trips or hands-on, out-of-classroom research projects
- ▶ Are scheduled in a mode that promotes using the city as a learning laboratory and that permits follow-through of conceptual material taught in the classroom
- ▶ Are designated as Writing Intensive courses
- ▶ Are designated as ePortfolio courses

The following is a list, by department, of urban study courses (any course with a three-letter designation ending in "N" is an Urban Study course; e.g., "XXN"):

Business and Technology

BTN195 Profile and Prospects of Business in New York City
BTN211 Travel, Tourism and Hospitality Marketing

Education and Language Acquisition

ELN101 Introduction to Bilingualism
ELN120 Foundations of American Education
ELN194 Puerto Rican Community: Minority Group Experience

English

ENN191 Art, Politics and Protest
ENN/SSN193 Ideal Societies
ENN195 Violence in American Art and Culture
ENN198 Creative Writing
ENN240 Literature of the City

Health Sciences:

SCN101 Introduction to Veterinary Technology
SCN194 AIDS in New York City
SCN195 Community Health

Human Services

HSN103 Community Dynamics: Impact on Human Services
HSN110 Perspectives on Homelessness

Humanities

HUN/SSN180 Introduction to Intercultural Communication
HUN191 Photojournalism: An Introduction
HUN192 Art and Society
HUN195 Art in New York
HUN196 Film and New York City
HUN245 The New York Theatre Experience

Social Science

SSN103 Introduction to Labor and Community Organizing
SSN/HUN180 Introduction to Intercultural Communication
SSN182 Urban Anthropology
SSN183 History of Minorities
SSN184 Environmental Psychology
SSN186 Sociology of the Black Community
SSN187 Urban Sociology
SSN189 The Urban Economy
SSN190 Leadership
SSN192 Practical Politics in New York City
SSN/ENN193 Ideal Societies
SSN194 Religion and Social Change
SSN199 Neighborhood History
SSN204 Crime and Justice in Urban Society
SSN210 The Politics of Sexuality
SSN240 History of New York City
SSN280 Urban Black Psychology

Academic Policies

Academic policies are generally monitored through the Registrar's Office in C107. The office serves the students of LaGuardia in a variety of ways. In addition to coordinating and implementing the registration process, the Registrars Office also provides the following services: distribution of the College's academic calendar, monitoring of academic standing, allied health candidacy, certification of student enrollment, transcript requests, tuition refund requests, verification of attendance, change of data (name, address, etc.), maintenance of student records, and readmission and reinstatement applications.

In this section you will find general information regarding semester credits and credit loads, as well as specific information about the grading system and policies, academic standards, attendance policies, graduation, exemption credits and permit students.

Academic Dishonesty

Academic Dishonesty is prohibited in the City University of New York and is punishable by penalties ranging from a grade of "F" on a given test, research paper or assignment, to an "F" in the course, or suspension or expulsion from the College. Academic Dishonesty includes:

CHEATING—the unauthorized use or attempted use of material, information, notes, study aids, devices or communication during an academic exercise. Examples: Copying from a student during an examination, unauthorized collaboration on take home assignments, submitting someone else's work as your own, allowing another student to take an examination for you, or unauthorized use of notes, electronic devices or other materials during an examination.

PLAGIARISM—the act of presenting another person's ideas, research or writings as your own. Examples: Copying another person's actual words without the use of quotation marks and/or footnotes, failure to acknowledge a source when using information that is not common knowledge or failure to acknowledge collaborators on homework or laboratory assignments.

INTERNET PLAGIARISM—plagiarism that includes the submitting of downloaded term papers or parts of term papers as a student's own work, paraphrasing or copying information from the internet without citing the source, as well as other forms of "cutting and pasting."

OBTAINING UNFAIR ADVANTAGE—any activity that intentionally or unintentionally gives a student an unfair academic advantage over other students. Examples: Stealing, circulating or otherwise gaining access to unauthorized examination materials, intentionally obstructing or interfering with another student's work, depriving other students of access to needed class or library materials by stealing, destroying or defacing them, retaining or circulating examination materials that clearly should have been returned at the end of the exam.

FALSIFICATION OF RECORDS AND OFFICIAL DOCUMENTS—Examples: Forging signatures or authorization, falsifying information on academic records, falsifying official

documents such as grade reports, drop/add forms, ID cards or other college documents.

MISCONDUCT ON INTERNSHIPS—behavior inappropriate to a professional setting or in violation of the rules established by either the College or the internship site. Noncompliance with local, state and federal laws while on internship is also included.

Above adapted from The CUNY Policy on Academic Integrity, June 2004

Academic Review

The academic records of all students are reviewed each semester, and probation and suspension letters are sent to students who do not meet the scholastic requirements at LaGuardia. Not having received a letter, however, does not excuse a student from knowing the policies and adhering to them. All students are responsible for maintaining their academic standing according to the College's retention policy.

Attendance Policy

Attendance in class is a requirement and will be considered in the evaluation of student performance. Instructors are required to keep an official record of student attendance. The maximum number of unexcused absences is limited to 15% of the number of class hours.

Note: Absences are counted from the first day of class even if they are a result of late registration or change of program.

Day and Extended Day Status

After a student's first registration at the College, the student's day/extended day (evening) status cannot be changed.

Extended day classes are scheduled credit classes offered during the evening and/or weekend.

To meet the special needs of adults who have work and family commitments, extended day courses are scheduled in a variety of patterns; these permit a student to take several courses while attending just two or three evenings a week. Some courses can be completed by attending classes only one evening a week or on Saturday or Sunday.

Extended day students may also take daytime courses as their personal needs dictate; similarly, day students may enroll in evening and weekend classes.

All students benefit from the basic college services: counseling and advisement, health services, instructional laboratory facilities, bookstore, cafeteria, recreation facilities, and administrative services, and are governed by the same general college policies and regulations.

Any questions concerning extended day classes can be directed to C107, or call (718) 482-5242.

Writing Intensive Courses

In writing-intensive (WI) courses, writing is used to help students gain a deeper understanding of the material they are studying. The variety of formal and informal writing activities with which students engage serves as a means for students to become better writers as a result of instructional support and guidance. Students in writing-intensive courses are required to write both in and outside of class regularly, and written assignments must count for at least 20% of the final course grade. Class size in WI courses is limited to 25 students. All Urban Study and Capstone courses are writing intensive. For WI guidelines, please see the WID website, <http://www.lagcc.cuny.edu/wac>.

Academic Credits

CREDIT LOAD

The college does not require that students enroll for a minimum number of credits. A full-time program, however, is considered to be 12.0 or more credits or equated credits (eq. cr.) per semester (a semester includes both Session I and II). Many financial aid awards require students to maintain full-time status. For further information consult with C107.

Full-time criteria:

In order to be considered full-time, students must meet the conditions of one of the following categories:

1. Be registered for 12.0 or more credits
2. Be taking a full-time Co-op Internship and additional courses for a total of 12.0 eq. cr.
3. Be taking a part-time Co-op Internship and 10 additional eq. cr.
4. Be a first semester freshman and register for 3.0 credits and 12.0 eq. cr. (at least one of the courses must appear on the special value course list published in the Schedule of Classes) or
5. Be registered for 6.0 credits and 12 tuition units (at least one of the courses must appear on the special value course list published in the Schedule of Classes)

Students may achieve their full-time status in Session I or take a combination of courses in Session I and II in order to achieve full-time status. *Students must register for the Session II classes when they register for Session I or the Session II class may not be considered for financial aid.* It is recommended that students attempt to be full-time in Session I.

MAXIMUM EQUATED CREDITS PER SEMESTER

Students may not register for more than 18 eq. cr. per 12-week session, or two courses (not to exceed 9 eq. cr.) per 6-week session. Exceptions may be granted through special permission. In order to receive special permission:

1. During advisement, students must consult with their faculty or academic advisor to receive his or her recommendation.
2. Students must obtain written permission from the Vice President of Academic Affairs or designee. To obtain approval, students must have completed all basic skills and have a GPA of 3.0.

INDEPENDENT STUDY AND INDIVIDUALIZED COURSE CREDITS

Independent study

The college offers students the opportunity to pursue independent study credit(s). This format is designed for the student who is self-motivated, self-disciplined, and capable of doing advanced work. Before registering for independent study credit(s), students must secure permission from the instructor and chairperson of the appropriate academic department. This permission form is available in C107, and must be returned at registration. The completed permission form must also indicate the number of credits to be earned. The formal learning contract must be developed with the instructor and submitted to the Registrar's Office. In addition:

1. The student must have successfully completed 36 credits;
2. The student must meet the requirements for individual study set by the specific department;
3. The contract may involve in-depth exploration of a special topic not within an existing course or it may involve an in-depth exploration of a specific topic within (but not duplicating) an existing course; and
4. The student may take a maximum of 6 credits of independent study and may not engage in more than 3 credits of independent study per session.

Note: A request for waiver may be made to the Office of Academic Affairs, M400.

Independent Study Approval

The student must consult a faculty member who is willing to serve as an instructor. An Independent Study form must be signed by the instructor, student and chairperson.

Registration

The student must submit the signed request form at registration so the course can be put on a roster.

Planning the Contract

The student must meet with the instructor at the beginning of the session. The purpose of this planning session is to complete the contract form. For independent study, a detailed description of course requirements must be listed on the contract. For an individualized course, the course outline must be attached and the material to be covered during the session noted. The student and instructor should determine dates for future meetings. A minimum of 7 hours and a maximum of 10 hours must be spent in discussing coursework during pre-determined sessions with the instructor.

Recording the Contract

The signed contract must be submitted to C107 by either the instructor or the chairperson of the department by the end of the third week of classes.

Consequences for Failing to Make or Carry out the Plan

Once registered, students are responsible for completing all requirements as stated in the contract. Failure to meet with the instructor as agreed or to fulfill course requirements will result in a punitive grade.

Transfer Credit

For information on transferring credits previously earned at other accredited colleges or universities or for information on veteran's credit for military service, please refer to pages 9-11.

REGISTRATION

There are two registration periods per academic year: prior to the 12-week Fall session and prior to the 12-week Spring session. Students who wish to take classes during the 6-week sessions should register prior to the 12-week sessions. Some new students and readmitted students may be permitted to register for the 6-week session; however, they will not be eligible for financial aid for the session. Registration is done using CUNYfirst at www.cuny.edu. Registration information is available on the college's website: www.laguardia.edu.

Late Registration

Students will not be permitted to register for a course after the announced late registration deadline published in the Academic Calendar.

DROP/WITHDRAWAL FROM COURSES

There are two mechanisms for students to drop courses: Change of Program (Drop) and Official Withdrawal. During the Change of Program period students must access the registration system, CUNYfirst to view all registered courses. Click DROP next to the desired course to drop. The course will not appear on the student's transcript. You may be responsible for part of the tuition cost.

If you need to withdraw from the College or from one or more courses after the Change of Program period has ended you must also access the registration system using CUNYfirst and use the option WITHDRAW. If you withdraw during the official withdrawal period, you will receive a "W" as a grade and will be responsible for all tuition charges. If you need assistance with either DROP or WITHDRAW, please go to C107.

The following students may not withdraw online: College Discovery students, students registered for basic skills courses, or high school students. They must file an official withdrawal form, which can be obtained in C107. College Discovery students and students registered for a basic skills course must obtain a counselor's signature in order to withdraw from a class and return the

signed form to C107 by the deadline. High school students taking college courses must obtain a signature from their High School Guidance Counselor in order to withdraw from a course and return the signed form to C107 by the deadline. **WITHDRAWAL FORMS WILL NOT BE ACCEPTED AFTER THE OFFICIAL WITHDRAWAL DEADLINE.**

If you do not use the above procedures to withdraw officially from a course in which you have been excessively absent, you will be assigned a failing grade of "WU" by the course instructor.

WITHDRAWAL FROM AN INTERNSHIP

Termination or withdrawal from an internship is subject to the approval of the student's Faculty Advisor. It is recognized that termination of an internship may be due to a variety of justifiable reasons. Therefore, each case will be handled individually.

CHANGE OF MAJOR

Students may request to change their major by submitting a Change of Major Form available in C107. Due to New York State financial regulations, Change of Major Forms submitted after the last day to Change Major in Session-I (12 week) published in the LaGuardia academic calendar will NOT go into effect until the following semester.

MEDICAL LEAVE OF ABSENCE

Students may be permitted to take a Medical Leave of Absence if they can provide a physician's statement that includes the diagnosis, prognosis and the disability period. Students are requested to file for a Medical Leave at the Health Center immediately following the onset of the disability and no later than six months following the semester for which the medical leave is requested to avoid academic liability and academic jeopardy. The documents are then reviewed by Health Center staff for approval.

Federal Regulations

Federal regulations stipulate that the Medical Leave of Absence is not to exceed 180 days within a 12-month period. In the event that the leave exceeds this time period, it is considered a withdrawal and the return of all Title IV (Pell) funds apply.

Bursar

If your Medical Leave of Absence is effective after the first day of classes but within the tuition refund period, you will be charged a tuition liability. The term tuition liability refers to the percentage of tuition and fees a student owes based on original tuition charges. Please note: If you are entitled to a refund, the amount received is based on attendance verification. If the effective date on the Medical Leave of Absence is after the last day of the refund period, and/or if the attendance verification record indicates that you attended classes after the last day of the refund period, you are liable for all tuition and fees and **NO REFUND IS DUE.**

Please keep in mind how a Medical Leave of Absence affects your Financial Aid if you have paid for your registration with Pell and/or TAP. Please refer to the Schedule of Classes for liability dates.

Conditions Regarding Academic Liability

Once a Medical Leave of Absence form is fully approved, you will receive a grade of “W” for all of your courses, regardless of the effective date of the Medical Leave.

E PERMITS

If a LaGuardia Community College course is either not being offered for the session or closed, students may take courses on permit at other colleges throughout CUNY. Students may apply for an ePermit by using the CUNY Portal. If you do not already have a CUNY Portal Account, see CUNY Portal Instructions below.

To be eligible to take a course on permit at another CUNY college:

- ▶ Students must have a 2.0 (or higher) cumulative grade point average.
- ▶ Students must currently be enrolled and in attendance at LaGuardia Community College.
- ▶ The course *must transfer back* towards your LaGuardia degree.
- ▶ **NOTE:** Students cannot elect to take course(s) for “Pass/Fail” or “Credit/No Credit” at the host college. A letter grade must be awarded (A, A-, B+, etc.).
- ▶ Students may take a maximum of two courses on permit per session.
- ▶ The course has to be one that is not being offered or is closed at LaGuardia Community College.
- ▶ At the host college, students may only register for the course which they have received permission for.
- ▶ Approval of permit requests remains in the hands of the Department Chairpersons. If a request is denied, the student is notified electronically of the reason for the denial by email.
- ▶ Be sure to arrange for an official transcript to be sent from the host college to:

The Office of the Registrar, room C107
LaGuardia Community College

ATTN: Permits

- ▶ All credits and grades for courses taken at the host institution on permit will be transferred to the student’s record and included in their cumulative grade point average here at LaGuardia.
- ▶ Non-Degree students are *not* eligible to take a course on permit.
- ▶ Permits can *only* be approved for CUNY colleges, *not* for private or SUNY colleges.

READMISSION TO THE COLLEGE

All students who have not registered for classes for two or more semesters must apply for readmission. This includes those students who have been on a Medical Leave of Absence.

Readmission forms are available in C107, and must be completed and returned by a deadline (approximately one week prior to the semester in which they would like to return.) Call the Student Information Center, (718) 482-5935, for exact deadlines. There is a non-refundable \$20 readmission processing fee payable to the Bursar.

Students returning to the College within one year (two semesters) generally will be readmitted to the College under the same curriculum (major) requirements which were in effect at the time the student was admitted to the College. However, students returning after one year will be readmitted under the curriculum requirements in effect at the time of their readmission. In exceptional cases, where the new requirements create an unnecessary hardship (such as graduating with an excess of 72 credits), students will be eligible to petition the requirements and seek possible exception to this policy to the Academic Standing Committee. The decision of the committee is final.

Note: Readmission is allowed for the six-week sessions; however, the student is not able to use financial aid for that session.

REINSTATEMENT

Students on academic suspension may apply in writing for reinstatement during their period of suspension. Applications must be obtained in C107, and returned before the deadline date, prior to the semester for which the student is applying for reinstatement. Students should call the Student Information Center for the reinstatement deadline. There is a \$20 non-refundable reinstatement processing fee (even if the application is rejected) payable to the Bursar. If reinstated, students are expected to show substantial improvement in academic performance. Normally this will require maintaining a semester GPA of 3.00. Students who are reinstated and do not obtain a 3.00 GPA in the semester in which they are reinstated or do not improve their GPA to within retention policy standards are once more suspended. Students suspended twice are not allowed to register at the College again. Exceptions may be granted, only under unusual circumstances, by the Academic Standing Committee or its chairperson. The decision of the committee is final.

Note: Reinstatements are not considered for the six-week sessions.



ACADEMIC FORGIVENESS POLICY

Students who have been dismissed from, or have not been in attendance at, the College for a period of at least five years and whose GPA is below 2.0 are able to be reinstated under the Academic Forgiveness Policy. For students reinstated under this policy, past grades of F, FIN or WU will remain on their transcripts but will not be calculated in their grade point averages. This policy gives students a second chance to complete their studies.

Your eligibility for Financial Aid is determined by Student Financial Services in accordance with Federal and State Financial Aid regulations. The Academic Forgiveness Policy does not override financial aid regulations. Please speak to a Financial Aid Specialist regarding your eligibility for aid.

Note: Admission or readmission into the “Clinical Phase” of Allied Health Programs is not guaranteed under the Academic Forgiveness Policy, regardless of the student’s prior status in that program. Students must contact individual program offices for specific readmission policies.

Grading

GRADING SYSTEM

College-wide Grading Policy Statement

At LaGuardia Community College, all students are encouraged to achieve their highest potential by acquiring knowledge and developing skills that lead to success both in the classroom and in the modern workplace. Academic progress is measured by the students’ mastery of the course as demonstrated by their ability to write clearly and accurately, discuss, compute, analyze, and draw logical conclusions among concepts. All students are expected to abide by the College attendance policy, complete all assignments and examinations thoroughly and on time, and participate thoughtfully and constructively in class discussions. Further information on grading is contained in the College-wide attendance policy, plus and minus grading policy, departmental grading policies, and course syllabi.

The following grading symbols are included in the calculation of Grade Point Average (GPA):

A-, A	=	90-100
B-, B, B+	=	80-89
C-, C, C+	=	70-79
D-, D, D+	=	Lowest passing grade (see D grade policy below)
F	=	Failure (see F grade policy below)
FIN	=	Failure from incomplete (see note below)
WN	=	Unofficial Withdrawal (see note page 196)
WU	=	Unofficial Withdrawal (see note page 196)

The following symbols are also used on the official transcript:

CR Exemption credit (credit earned). Students with demonstrated competence in specific areas may be granted credit for courses related to these areas.

E Excellent (used prior to Fall 1975 with GPA value of 4.00)

F The Failure grade is used when an instructor evaluates a student's work as not having met the standards for the course. Ordinarily the student is expected to retake the course. A student who has received an **F** twice for the same course must consult with and receive permission from the department chairperson or designee before attempting the course again.

FIN An **INC** (Incomplete) grade which has been converted to a failing grade will appear as a **FIN** grade.

G Good (used prior to Fall 1975, with GPA value of 3.00)

Incomplete Grade Policy

Eligibility. The Incomplete grade **IN** is intended for situations which arise that are beyond the student's control. It is reserved for a student in good academic standing (maintaining a passing GPA) and for whom there is reasonable expectation of satisfactory course completion—defined as both satisfactory attendance in the class and having not completed at most two major assignments or examinations by the end of the course.

Restrictions. An **IN** is not to be initiated by an instructor without the student's consent and is not permitted to replace a failing grade in a course. The **IN** is agreed to by the student and instructor. A student's strict adherence to attendance and academic policies as outlined above is required, without exception.

Documentation. The student must provide a documented reason beyond her/his control, satisfactory to the instructor, substantiating the request for an **IN**. Additionally, the student must fill out an Incomplete Grade Request Form with the course's instructor.

Completion. The request form includes a deadline by which any missed assignment(s) must be completed in order for the instructor to consider changing the grade. A student receiving an **IN** is required to submit all completed work before the end of the semester following the one in which the **IN** is given. The student is required to assume responsibility for submitting work by the agreed-upon deadline in order to be eligible for a change of grade. The student may not re-register for the same course while the **IN** is in effect. In addition, any course in which the student has received an **IN** cannot be used as a pre-requisite.

Grade Change. Provided all conditions for completion of course-work are met by the student within the deadlines outlined above and upon formal evaluation of remaining assignment(s), the course instructor must submit an official Change of Grade Form by the end of the semester following the one in which the **IN** was given. Failure to submit a Change of Grade Form for any reason will result in automatic conversion of the **IN** to a **FIN**, or failing grade, for the course.

Course Exemptions. Academic departments may designate courses in which an **IN** may not be given. For allied health clinical affiliation courses or COOP internship courses an **IN** may be given by an instructor when a supervisor's evaluation has not been received in sufficient time for grading, or when a student has been given permission by the instructor to complete the clinical affiliation or internship course beyond the end of the academic term in which the student is registered. Developmental skills courses may have different **IN** policies. Check with the department for specific guidelines.

NC No credit. Currently used only for high school students enrolled in college-level courses (used for all students prior to March 1977; calculated as an F in the GPA if earned between September 1976 and March 1977; not calculated for any other period).

P Passing (used prior to Fall 1975; not calculated in GPA).

R The Repeat grade is awarded only in Basic Skills courses. In general, the student has satisfactorily completed all assignments and has demonstrated satisfactory progress toward the goal of the course but has not reached the level required to pass the course. To earn a grade of **R**, students who do not pass the course must:

1. Comply with the College's attendance policy. Students who have stopped attending on or before the official withdrawal date must receive a grade of **W**;
2. Complete all assigned work; and
3. Make substantial progress in appropriate skills improvement.

S Satisfactory. This grade is used only in courses that carry no credit, such as New Student Seminar; Co-op Prep; and Nursing, OTA, PTA and VTA candidacies.

TCR The Transfer Credit grade is given to students who have transferred into LaGuardia with credits earned at other accredited colleges and universities. Based on guidelines established by the academic department, transfer credits are evaluated by the Transfer Credit Office, C102 prior to or during the first semester of attendance at LaGuardia. Students may receive a maximum of 10 transfer credits toward a certificate and 30 transfer credits toward a degree.

U Unsatisfactory. This grade is used only in courses that carry no credit, such as New Student Seminar, Co-op Prep; and Nursing, OTA, PTA and VTA candidacies.

W Official Withdrawal. This grade is given when a student officially withdraws from a course after the change of program period, but prior to the official withdrawal deadline.

WD Withdrew Drop is assigned when a student, who has attended at least one class session, drops a class after the Financial Aid Certification date during the program adjustment period.

WA Administrative Withdrawal. For example, this grade is used for students who have not been cleared for immunization.

WN is assigned to a student who has never attended a class or for whom there is no documented evidence of the student's participation in a course prior to the official withdrawal date.

Note: During the Fall 2008—Spring 2009 academic year, the WN grade had a numerical value of 0.0.

WU is assigned to a student who has attended at least one class or for whom there is documented evidence of the student's participation in a course prior to the official withdrawal date. If the student stopped attending after the official withdrawal date, a grade of **F** is given.

Y Indicates completion of the first quarter of a two-quarter course (used prior to Fall 1980).

Z This "temporary" grade indicates that a student's official grade was not received by the Registrar in time to be recorded on the official transcript. The actual grade usually appears on the next issued transcript.

@ Waiver of requirement (without credit). A student may obtain a waiver for a course when the appropriate department chairperson or designee determines that such a waiver is warranted.

Students may not register for credit courses that they have successfully completed with a grade of **A, B, C, (+) CR, E, G, INC, P, S, TCR** or @.

Repeat Grade Policy

Students who receive a grade of **C-**, **D+**, **D**, or **D-** grade may wish to repeat a course in an attempt to upgrade the skill level achieved and to facilitate the transfer of credits to a senior college. Each department has its own guidelines and procedures for students who wish to repeat a **D** or **C-** grade, and not every department allows repetition of coursework. Special permission must be obtained from the appropriate academic department prior to repeating the course. In addition to securing departmental approval, the following general conditions must be met:

1. Students may repeat the same course only once;
2. Both grades will appear on the students' transcripts and will be included in the calculation of the GPA (even if students failed the course the second time);
3. When a course is repeated, the credit for that course is not counted toward the degree a second time; and
4. Generally students may repeat only three different courses in which a **D** or **C-** grade was earned. Requests to repeat more than three **D** or **C-** grade courses may be directed to the chairperson of the Academic Standing Committee. The decision of the committee is final.

Note: For the purposes of TAP, courses repeated through the **D** and **C-** Grade Policy will not be counted when determining the student's full-time or part-time financial aid eligibility.

F Grade Policy

At LaGuardia and other CUNY schools, any student who earns an academic grade of **F**, or an administrative failing grade (**WU OR FIN**), and subsequently retakes the course and receives a grade of **C** or better, will no longer have that **F**, **WU**, or **FIN** grade computed into the Grade Point Average subject to the following provisions:

1. This policy was effective as of Fall 1990;
2. The failing grade must have been earned after Sept. 1, 1984;
3. The maximum number of failing credits that can be deleted from the GPA shall be limited to a total of 16 throughout CUNY;
4. The **F**, **WU**, or **FIN** grade will remain on the transcript, but will not be calculated in the GPA;
5. For the student who earns a grade of **C** or better in a course taken at LaGuardia, the original failing grade must have also been earned at LaGuardia; and
6. Partial deletions in the calculation of the cumulative GPA are prohibited.

R Grade Policy

After Spring 1990, students who register for a course in which they have previously received two or more **R** grades are not eligible to receive an additional **R**. Students who do not pass the course in their third or subsequent attempt must be given a grade of **F**. However, the instructor can submit an appeal on behalf of the student to the department chair.

Policy on Early Advisement to Improve Student Performance

College policy requires that faculty will:

1. Provide students with clear-cut course objectives and requirements and evaluation criteria (criteria for grading);
2. administer some form of evaluation (e.g., quiz, exam, written assignment) by the end of the fourth week of a 12-week session or by the end of the second week of a 6-week session; the evaluation is to be returned and discussed with students; and
3. initiate early contact with students performing poorly; assist students by offering advice and by referring students to labs or to the Student Advising Services office, B102.

GRADE POINT AVERAGE (GPA)

The GPA is a numerical computation of a student's academic record and is used to determine graduation eligibility, graduation honors, inclusion on the Dean's List, probation, and suspension. The GPA is also used to determine continued eligibility for some financial aid programs. The GPA is calculated per semester by using the following criteria:

How to Compute Your Grade Point Average

Grade Earned	Numerical Value
A	4.00
A-	3.70
B+	3.30
B	3.00
B-	2.70
C+	2.30
C	2.00
C-	1.70
D+	1.30
D	1.00
D-	0.70
F, WU, FIN	0.00 (do not calculate these grades into GPA if you took the course again and passed with a C grade or higher) up to a maximum of 16 credits.

INC, WN, W, Z, U, S, R grades are not calculated into the GPA.

To calculate your GPA, list all the courses you have taken at LaGuardia and write the grade you earned. Using the chart above, write the numerical value for each grade. Next write the number of credits each course is worth. Using a calculator, multiply the value and credits and write the answer in the quality points column. Take the total number of credits and divide them into the total number of quality points to reach your correct GPA.

Sample Calculation

LIST ALL COURSES	GRADE EARNED	NUMERICAL VALUE	X	CREDITS POINTS	=	QUALITY
ENG 101	A-	3.70	x	3	=	11.1
MAT 200	C	2.00	x	4	=	8.0
SSS 100	B-	2.70	x	3	=	8.1
HUC 101	D+	1.30	x	3	=	3.9
	13			31.1		

Divide 31.1 by 13 for the answer of 2.39. This student's GPA is a 2.39 and a total of 13 credits.

GRADE APPEALS

Appealing Individual Course Grades

In order to appeal a final course grade, the student must first discuss the grade with the instructor. If, after discussion with the instructor, the student wishes to appeal further, or if the student is unable to meet with the instructor, the student may then arrange to meet with the department chairperson. If, after meeting with the chairperson, the student still wishes to appeal the grade, the student must consult with a counselor about appealing the case in writing to the Academic Standing Committee. The appeal must be filed within six months following the session in which the course was taken. The decision of the Academic Standing Committee is final.

Appealing to Receive Grades of W (Official Withdrawal)

A student who can document that extenuating life circumstances adversely affected his or her grades during a specific term must consult with a counselor about filing an appeal directly with the Academic Standing Committee asking that these grades be changed to **W**. The appeal form, along with appropriate documentation, must be submitted by the end of the student's next semester at LaGuardia.

Note: Grades of **W** and **WU** cannot be altered by instructors or chairpersons. They can only be changed by appealing to the Academic Standing Committee. Grades of **A, B, C, D, F, FIN, INC, R, Z** or **@** may be changed by instructors with permission from the department chairperson. The Registrar will review all cases of changes where more than one grade level is involved, e.g. **C to A, D to B, F to C**.

DEAN'S LIST

The Dean's List is established every semester to honor those degree or certificate students who have achieved academic excellence. To be eligible for inclusion on the Dean's List in a given semester, a student must have:

1. Earned 9.0 credits or more;
2. Achieved a grade point average (GPA) of 3.50 for the semester;
3. Not received grades of **F, FIN, D+, D, D-, INC, R, WU**, or **Z**; and
4. Maintained a cumulative GPA of 2.00.

ACADEMIC STANDING & RETENTION POLICY

All students must achieve a minimum cumulative Grade Point Average (GPA) to remain in good academic standing.

CREDITS ATTEMPTED GOOD ACADEMIC STANDING	MINIMUM CUMULATIVE GPA FOR
0.0-12.0	1.50
12.5-24.0	1.75
24.5-or more	2.00

Probation

Students who do not meet the minimum grade point average (GPA) are placed on academic probation for the following semester. They are given one semester to achieve the minimum grade point average required as per the College's retention policy. If during this probationary period, students make satisfactory academic progress, they will be returned to good academic standing with the College and may be eligible for financial aid. If the minimum GPA is not achieved, students may be suspended from the College. However, in order to allow students to file appeals (due to constraints associated with the calendar), there is a one semester delay applying suspensions.

Probation Workshops

Counselors offer workshops and specialized counseling sessions to students on academic probation. They help students understand the College's retention policy and develop strategies for academic success.

Suspension

Students who have been suspended are not eligible to register for courses at the College for one semester. They may appeal the suspension in writing to the chairperson of the Academic Standing Committee. Appeal forms are available in the Counseling Office (B100) or in C107. If the appeal is approved, students will be expected to show substantial improvement in academic performance. Normally this will require earning a semester GPA of 3.00. The College reserves the right to limit the number of equated credits a student may carry during a probationary semester. Exceptions may be granted, only under unusual circumstances, by the Academic Standing Committee or its chairperson. The decision of the committee is final.

Graduation

At LaGuardia, a 2.00 GPA (C average) is required for graduation, as well as passing the required basic skills tests and major requirements. A graduate whose cumulative GPA is between 3.50 and 3.89 shall be graduated with honors. The term "with honors" will be inscribed on the student's diploma and noted on the transcript and the commencement booklet. A graduate whose cumulative GPA is 3.90 or better shall be graduated with high honors. The term "with high honors" will be inscribed on the student's diploma and noted on the transcript and the commencement booklet. Students can review their progress towards graduation anytime at www.laguardia.edu/DegreeWorks. All students must register for "Intent to Graduate" in order to have their records reviewed. This should be done when they register for their final 12-week session. Students wishing to appeal graduation requirements may submit a written appeal to the Academic Standing Committee. The decision of the committee is final. Upon graduation a student's record is frozen. No changes can be made to the record.

Note: If the Registrar's Office determines that you have met the requirements for graduation, you may not continue taking courses at LaGuardia unless you have filed a second degree, certificate or a non-degree application.

GRADUATION RATES

Graduation rates at LaGuardia compare favorably with those for other CUNY community colleges. While most students require more than two years to complete an Associate's degree, studies have shown that approximately 20% of entering students achieve their degree in five years or less. An important factor to consider in addition to the graduation rates is the number of students who attend part-time and therefore require additional time to complete their studies.

LaGuardia graduates average about seven and a half semesters, or just under four years, to obtain their degrees. However, for about two semesters of that time, students are not actively taking classes. For the past five graduating classes, the average number of semesters spent earning credits was 6.4, or just over three years. The rate of graduates who transfer to four-year colleges within one year of graduation is 41 percent. Most LaGuardia graduates who continue their education remain within The City University of New York system (83 percent). Queens, Baruch, Hunter and City Tech colleges are the most popular choice so far, with over two-thirds of all transfers selecting those sister institutions.

RESIDENCY REQUIREMENT

Students must successfully complete a minimum of 30 credits at the College before being awarded a degree.

Note: Up to 10 exemption credits, as well as courses taken “on permit,” may be used to fulfill this requirement.

PURSUIT OF ADDITIONAL STUDY AFTER GRADUATION

Second Credential Students

Students who have earned a certificate and then wish to pursue a degree, and students who graduate with a degree and wish to pursue a certificate, must apply for a “Second Degree.” Information on how to apply to the college can be found in the Admissions Office or by visiting the website at www.lagcc.cuny.edu/Admissions/home/. Courses completed for the first credential may also be used to meet the requirements of the second credential. Students must reregister for “Intent to Graduate” in the semester in which they anticipate completing the second credential.

Second Degree Students

Students who have graduated from LaGuardia Community College and who are interested in pursuing a second degree at LaGuardia should contact the Admissions Office, C102 for information on how to apply for a second degree. Second degree students must complete LaGuardia’s residency requirements of 30 credits toward the new degree and may transfer up to 30 credits toward a degree. All second degree students will be held accountable for the completion of Internship requirements in their respective curriculum.



KRISTIAN LARROTA / LAGUARDIA COMMUNITY COLLEGE

STUDENT PROGRAMS AND SERVICES

Academic Advising

All students at LaGuardia Community College benefit from a comprehensive college-wide system of developmental academic advising. Through academic advising, students connect their educational and career goals. While the ultimate responsibility for decision-making rests with the students, academic advising is a valuable part of the College's support network dedicated to helping students achieve their educational and career goals. Students are advised within their major by a cross-campus team that includes faculty and administrators who support them from admissions to graduation. There are seven teams; Business, Education and Language Acquisition, Health Sciences, Humanities, Liberal Arts & English, Social Science, and STEM. Students work with academic advisors to discuss their current academic progress, review their degree requirements, and develop their Graduation Plan.

Students in special programs – ASAP and College Discovery are encouraged to meet with an advisor prior to the beginning of the registration period.

ADVISEMENT TOOLS

Students can prepare for advisement with a variety of tools available on the Student Portal, "My LaGuardia." A review of the Student Advisement Degree Audit can help students understand degree requirements they have completed and those remaining. CUNYfirst will indicate when students are eligible to register. This catalog, academic major website, and the College website offer additional information about major curricula, Pathways requirements, and academic policies.

STUDENT ADVISING SERVICES

**Hours: Monday-Thursday 9:00 a.m. to 7:00 p.m.
Friday 9:00 a.m. to 2:00 p.m.**

Located in B102, Student Advising Services offers academic advising designed to enhance students' personal, academic and career development by professional advisors who are members of the major-based advisement teams. Students may walk in or schedule an appointment.

Student Services

**The Wellness Center: Hours: Monday-Thursday
9:00 a.m. to 8:00 p.m.; Friday 9:00 a.m. to 5:00 p.m.**

As a part of LaGuardia Community College's Health and Wellness Services, the Wellness Center is available for students in need of mental health and/or crisis services. We provide personal guidance and counseling services to help students achieve educational and career goals, learn the process of complex problem solving, and enhance their capacity to develop satisfying interpersonal relationships. Specifically, we provide short-term individual counseling, group counseling, crisis intervention, and workshops on many topics that impact students' lives (i.e., depression, stress management, anxiety, etc.). Through this work, the Wellness Center assists students in their journey towards overall wellness. Please stop by C249 or call (718) 482-5471 for an appointment. For counseling-related emergencies, please contact ext:4444.

The Graduate Internship Program:

The Graduate Internship Program is comprised of graduate students working towards their master's or doctorate in social work, mental health counseling, and/or psychology. Under the supervision of a trained and licensed counselor, interns provide short-term counseling personal services to help students achieve educational and career goals, learn the process of complex problem solving, and enhance their capacity to develop satisfying interpersonal relationships. Specifically, the interns provide individual counseling, group counseling and workshops on many topics that impact students' lives (i.e., depression, stress management, anxiety, etc.). Through this work, our graduate interns are assisting students in their journey towards overall wellness. To help meet students' needs, interns are located in a number of offices across campus. Please call (718) 482-5471 for an appointment.

Academic and Student Social Integration for Success Team (ASSIST):

The ASSIST program is staffed with a team of peer mentors/coaches and a graduate intern(s). The program is supervised by a trained and licensed counselor. Peer mentors/coaches assist students who experience severe social anxiety, often feel isolated, or have been diagnosed with Autism and/or Asperger's. The peer mentors/coaches offer an open mind, a listening ear, goal development, and a plan to help each student reach his/her goals. Peer mentors/coaches also help students work on their coping skills with anxiety producing situations by planning events to meet other students coping with these difficulties. The graduate intern(s) provides counseling support to students when needed.

Early Alert Program

The Early Alert Program is designed to identify, help and engage students at risk of failing their course(s). As part of the Early Alert Program, faculty are asked to submit information regarding students' performance in their course(s). Students, who are at risk of failing a course, will be contacted and asked to come in and meet with an advisor. The advisor will identify strategies and options to address and improve student course performance.

Early Childhood Learning Center Programs: MB09

The Early Childhood Learning Center Programs Inc. (ECLC) is accredited by the National Association for the Education of Young Children. ECLC programs provide child care for children ages 12 months to 12 years, preparing them for the next level of development. ECLC programs are located on campus. The ECLC is a licensed child care facility. We provide a variety of quality educational programs to meet the needs of both the child and student parent. We offer infant care, toddler, preschool, free universal pre-K, extended day, weekend programs, school age program, summer camp, and holiday camp for the children of LaGuardia students. ECLC is also a training site for intern teachers to develop hands on knowledge of working in a childcare setting. Our team of professional educators provides a warm and nurturing environment that supports the academic, social, emotional needs of children, families, and teachers.

For more specific information, contact the Early Childhood Learning Center Programs, in room MB09, or call (718) 482-5295.



ALVARO CORZO / LAGUARDIA COMMUNITY COLLEGE

Center for Career & Professional Development: B114

The Center for Career & Professional Development (CCPD) offers a variety of career-related and job readiness services designed to prepare students and alumni to set career goals and become competitive and successful job seekers. The office helps students and alumni with employment opportunities in the field in which they have studied.

CCPD offers a variety of professional development services such as assistance with resumes, interviewing techniques, and professional branding. In addition, students can use resources to secure part-time and full-time employment such as the CCPD online job board. CCPD also sponsors on-campus recruitment efforts and targeted job fairs.

To schedule an appointment with a CCPD professional, search and apply for jobs, RSVP for events and explore career options, students can log in to LAGCC Career Connect by:

Log in to your “My LaGuardia” Page

Username: FirstName.LastName

Password: Eight digits of your CUNY ID and two digits for your birth year

Click on the Career Connect icon under E-Tools

Complete your Academic Profile

Students can access the College’s career and professional development online tools at www.lagcc.cuny.edu/careerservices.

REGISTRAR AND STUDENT FINANCIAL SERVICES: C107

The dedicated, skilled staff of the Registrar and Student Financial Services answer questions and give students the information they need from the time they are admitted to the college until the day they graduate to ensure their stay at LaGuardia is a successful one. Inside C107, students will find Student Financial Services and the Office of the Registrar. Generalists who have been trained in each of these areas are available at the Generalists Desk to assist students in the following areas:

Student Financial Services

Assistance is given to students to secure federal, state, and institutional financial aid to help finance their educational costs. Once students have applied for financial aid, a Student Financial Services representative assists students in obtaining book advances for educational expenses and on-campus employment through the Federal Work Study Program. The Veterans Coordinator is also available to assist student veterans in obtaining their educational benefits.

Single Stop USA

Single Stop USA provide students, alumni and their families with access and application assistance to public benefits such as SNAP, Cash Assistance, Housing Subsidies, Transportation, Child Care, Scholarships, HEAP, Food Pantry and much more. In addition Single Stop provides FREE services to include: Legal, Tax Preparation, and Financial Consultation. A free benefit screening is conducted to determine all eligibilities. Please visit us Monday - Friday. Walk-ins are welcome. For more information call (718) 482-5135/29 or visit our website <http://laguardia.edu/singlestop/>. Single Stop is located in C107.

The Office of the Registrar

Support is given to students as they navigate through the following processes: class registration and change of program, prerequisite adjustments, degree and attendance verification, readmission, reinstatement (dismissal) review, degree (graduation) audit, academic appeals, change of grade, medical leave of absence, independent study request, city and state residency updates and transcript requests.

The Process and Pick Up Station assist students with a variety of services including the following: self-help terminal assistance, transcript requests, student data changes, enrollment verification letters, readmission/reinstatement to the college, diploma pick up and residency applications

Student Financial Services Resource Center: C109

The Enrollment Services Resource Center was established to encourage students to file their FAFSA electronically and also to help them access other financial aid information. Staff is available to answer their questions. Filing a FAFSA online is immediate and prevents careless errors. Students may walk in and log on at www.fafsa.ed.gov to apply for financial aid or schedule an appointment for a “FAFSA on the Web Workshop” by calling (718) 482-7218 during office hours.

New York State residents can also link to the online TAP application form after completing their FAFSA. Students’ FAFSA data will already be pre-filled on their TAP application. Students must be sure to request a PIN# at www.pin.ed.gov. With their PIN number, they will also be able to check the status of their federal financial aid application; renew their FAFSA; complete Pre-Loan Entrance Counseling for Direct Loan; complete Pre-Loan and Exit Counseling for Perkins Loans; check their loan account information; and access Financial Aid history (transcript) via the National Student Loan Database System (NSLDS).

Health Services: MB40, (718) 482-5280

Hours: Monday - Friday 9:00 a.m. - 8:00 p.m.

As a part of LaGuardia Community College’s Health and Wellness Services, the Health Services Center assists students in matters pertaining to health prevention and the early recognition of illnesses and diseases. The Center also provides emergency care for accidents and makes appropriate referrals, when necessary, for follow-up care.

The Health Services Center is staffed by a Center Director, Nurse Practitioner (NP), an Administrative Coordinator, two Emergency Medical Technicians, a Health Care Assistant and a part time College Assistant. In addition, college and graduate interns, work-study students, and volunteers assist with the delivery of services to the College community.

The Center's services are available free of charge to the entire College community. The Health Education Learning Project Services (HELPS) Program provides educational outreach activities, free counseling and testing for HIV, Chlamydia and Gonorrhea (sexually transmitted infections). The medical team responds to all medical emergencies on campus. The Nurse Practitioner can diagnose and treat acute and/or chronic health care problems, order and interpret diagnostic lab tests, and prescribe both pharmacologic agents and non-pharmacologic therapies. The Health Services Center also facilitates medical leaves of absence for students, provides over-the-counter medication, blood pressure, glucose and cholesterol monitoring, and record keeping for students, faculty and staff.

The Health Services Center coordinates immunization compliance according to Public Health Law 2165 and 2167. The center provides clinics to administer the necessary measles, mumps and rubella vaccines to ensure compliance and also provides information for students to obtain the vaccinations free of charge at the Department of Health Clinic. Information about the NYS Public Health Law 2167 regarding meningococcal disease is available. It is mandatory for all students enrolled in class to complete and sign the Meningitis Response Form. The Center also provides Hepatitis B, Human Papilloma Virus and Influenza vaccines.

The Health Services Center coordinates health education outreach initiatives/events throughout the academic year to promote and educate the college community on issues pertaining to health and wellness including, but not limited to, the Wellness Festival and the commemoration of World Aids Day. We also collaborate with Child Health Plus and Family Health Plus health insurance enrollers to ensure that all eligible students have the opportunity to enroll for free or low cost health care insurance.

At the center, educational pamphlets, brochures and videos on health-related issues are available for the College population.

Laboratory Facilities

The **Business and Technology Resource Center** serves as an accounting tutorial lab, and also a center for the completion of the computerized components of accounting and managerial courses.

Adult Learning Center Lab helps students to improve their basic literacy and computer skills, or to prepare for GED exams.

Human Services Laboratory is used for supplemental activities for classes of the Human Services Program.

The **Computer Information Systems Department** has three labs: the Microcomputer Lab, providing the laboratory component for several introductory courses, the Computer Lab, focusing on computer use and programming beyond the introductory courses, and the New Media lab.

The **English as a Second Language Lab** provides large and small group tutoring for matriculated students taking ESL classes in the credit program. Large group tutoring is conducted on the assigned schedule. Individual or small group tutoring is conducted based on teachers' referral or by special appointment.

The **Humanities Department** contains the following labs: Modern Language, Music, Piano, Music Center, Speech Center, Photography, Art, Painting and Drawing, Sculpture and Design.

The **Mathematics Department** houses a Mathematics Tutorial Lab and a Microcomputer Center. Basic skills students are scheduled to attend a lab tutorial for one hour per week. In addition, any student may drop in for tutorial assistance in the Microcomputer Center. Waiver exams, make-up exams and retests of the CUNY mathematics assessment test are administered by staff in the Mathematics Tutorial Lab.

Instructional Services (formerly Academic Computing) oversees the administration of microcomputing laboratories located throughout the College. Twenty-four computer laboratories are available to students during the College's normal operating hours on weekdays and Saturdays.

The **Natural and Applied Sciences Department** administers fourteen laboratory facilities located throughout the College.

The **Reading Lab** of the Communication Skills Department is required for all developmental reading courses; in addition, the lab is a resource center to help students in reading and study skills on their request.

The **Veterans Center Lab** is required for the program's non-credit courses in reading, writing and mathematics. This lab assists veterans to prepare for the GED exams and exemption from basic skills courses upon entry into college.

The **Writing Center** provides personalized tutoring for all post-ESL students in the College to work on grammar, paper revision, paper development and research papers for any course they are taking.

Library Media Resources Center: E101, (718) 482-5426

In the complex world of ever-increasing information and new technology, every student at LaGuardia needs access to a dynamic, up-to-date collection of information resources and materials. LaGuardia's library provides quick, easy and efficient access to books, media, and periodicals via an online catalog, CUNY+Web, a web-based library system. In addition, the library offers access to electronic databases, which include encyclopedias, full text articles from magazines, journals, newspapers, documents and primary source materials in areas of education, humanities, literature, law, allied health, business and careers. All of these electronic resources can be accessed off campus but will require a login procedure, using student and faculty email account information.

The library offers a book collection of over 120,000 volumes, 10 percent of which constitute a rich core collection of reference works on a variety of subjects. The library also maintains a large

collection of magazines and newspapers with information on current events, new social issues, and people in the news. Currently, the library subscribes to almost 800 magazines, journals and newspapers.

The non-print media collection of 5,400 items includes audiovisual programs in a variety of formats. Viewing and listening stations in the Media Lab are available for group or individual access to audiovisual programs in the collection. Special workstations are available for students with disabilities.

The library's holdings also include textbooks, assigned course readings, career information, study aids, research material, pamphlet files and government documents. LaGuardia is a partial Federal Depository Library for selected documents published by various Federal agencies and departments. The Library's College Archives houses important documents related to the governance of the College and its history, for example, Board of Trustee materials, union agreements, the College budget, the student newspaper and yearbooks.

To encourage the widest possible use by students, the library uses the open-stack system, which permits users direct access to the collection.

A team of fourteen faculty, four college laboratory technicians, and several support staff members link the user with the library's vast resources for research and educational development.

Library faculty provide one-on-one instruction at the Reference Desk and teach information-gathering skills through the library's various user-education programs. These include tours, small group orientation, course-related/course-integrated library instruction, and two liberal arts courses on methods of research. The Library's three credit course (LRC 102) is an in-depth exploration of research methods and information sources enabling students not only to find information, but more importantly, to critically evaluate and select what they need from the vast array of materials at their disposal. The Library's one credit course (LRC103) addresses web searching and the critical evaluation of web resources.

All members of the LaGuardia community are encouraged to use the Library's services. The validated, bar-coded LaGuardia ID serves as a library card for LaGuardia's Library and other CUNY libraries. The library is open each day of the week except designated holidays during the academic year. Library hours are posted each month at the entrance door and on its website. For additional information, please call the circulation desk at (718) 482-5426 or visit the Library's website: www.lagcc.cuny.edu/library.

Office for Students with Disabilities: M102

The Office for Students with Disabilities provides specialized services for disabled students. Under Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, LaGuardia Community College has an implicit responsibility to ensure that students with disabilities have equal access to its programs and services, and that the rights of students with disabilities are not denied. OSD provides advocacy to ensure access to all college programs and facilities and facilitates the transition

to college life for student with disabilities. All students are required to register with supporting documentation.

Appropriate accommodations and services are determined and may include academic, career and personal counseling, academic advisement and registration and other support services such as readers, note takers, tutors and proctoring of exams for students. Students with a disability should self-identify subsequently with our office in order to take advantage of these services.

If you are a student with a disability requiring an accommodation to gain access to a program or service or feel that your rights as a student with a disability are being denied, please call (718) 482-5279. Counselors are available to assist all students with their needs. The Office is open Mondays - Thursdays until 8:00 p.m. and Fridays until 5:00 p.m.

Office of International Student Services: B117

The Office of International Student Services provides cross-cultural and immigration counseling to more than 700 F-1 Visa students. The office is required by federal law to keep extensive records on F-1 students and to adhere to federally mandated regulations in assisting and advising students.

All F-1 students are required to report to the International Student Services Office in order to maintain such records. The office has general responsibility for the adjustment to college life of students from outside the U.S. Services include news of special social and educational opportunities, orientation to the U.S., F-1 visa advisement, full-time student status verifications, and housing and health insurance information. Please call (718) 482-5145 or visit room B117 for more information.

The Office for Transfer Services

The Office for Transfer Services (OTS) provides students with the tools, resources and support they need to plan their transfer to senior colleges, including those in the City University of New York (CUNY), the State University of New York (SUNY), and any other institutions, whether public or private.

Our staff provides assistance with all parts of the transfer process, from initial searches and research to choose programs and colleges, through the application stages, decision-making, and transitioning to the senior college. We can help students with college or scholarship applications, personal essays, appeals, understanding transfer credit processes and evaluations, and understanding financial aid packages from potential transfer institutions. OTS welcomes walk-in questions, appointments, and hosts numerous workshops throughout the year that address transfer planning issues.

OTS hosts multiple events every year, including Transfer Fairs in both fall and spring, numerous college information sessions, and campus visits, which provide students with many opportunities to talk to admissions officers at potential senior colleges. LaGuardia graduates successfully transfer to CUNY, SUNY, private, and other public institutions throughout the U.S., including some of the most prestigious colleges and universities in the world, such as New

York University, Columbia University, Smith College, Vassar College and Georgetown University.

OTS has a library of resources available to assist students in their decision-making process. Students are welcome to stop by the office at B215 during our office hours, or to make an appointment to meet with an advisor. For additional information or to make an appointment, please call (718) 482-5185, or email us at transfer@lagcc.cuny.edu.

Office of Veterans Affairs: C107

The Office of Veterans Affairs provides a full range of counseling services for the veteran population. The Veterans Coordinator provides information regarding all of the benefits available to students and assists with any other problems encountered while attending the College.

The Program for Deaf Adults (PDA): C203

Under the Program for Deaf Adults, students who are deaf or hard of hearing are provided with support services. These services include academic advisement, registration assistance, interpreters, testing, accommodation, tutoring and note-taking. Please contact the Program for Deaf Adults, C203, or call (718) 482-5325 (TTY) or (718) 482-5324 (voice).

Student Ombuds Office: C317, (718) 482-5180

The Students Ombuds Officer is charged with the responsibility of helping students with issues that the usual process and procedures seem unable to solve. The Student Advocate/Ombuds Officer gives advice and guidance, and investigates issues as needed by those who request assistance.

The Student Advocate/Ombuds Officer has the responsibility to document students' issues for appropriate referral and recommendation. Not all issues may be resolved to the satisfaction of the student, but where it is justified, the College will respond.

All issues are discussed in confidence. If at all possible, a student's name will be revealed only with permission in order to gain information in the efforts to assist. The officer can be reached via email at mariarig@lagcc.cuny.edu.

Office of Campus Life

M115, (718) 482-5190

The Office of Campus Life, part of the Division of Student Affairs, is located in room M115. Almost every College-wide event that occurs at LaGuardia has the involvement of the Campus Life Office. From Orientation to LaGuardia, to Honors Night and the Commencement ceremony, Campus Life is your partner throughout your college experience. From entertaining social activities to engaging intellectual, social, and emotional development, Campus Life can offer you opportunities that will improve your skills, increase your enjoyment of college life, and help you discover the joy in your most important asset—you. Information concerning activities can be obtained at the Campus Life Office, Monday-Friday in M115. Here are a just a few of the programs and services offered:

Multi-cultural and Social Events

LaGuardia prides itself on being a pluralistic family. The LaGuardia community comes from over 150 countries and regions of the world and speaks over 100 languages. We not only respect each other's differences, but we learn from our diversity. Campus Life celebrates this vision of rich international diversity through various social gatherings such as concerts, theatrical productions, cultural seminars, dances, and talent and fashion shows, to name just a few. Students experience the wide diversity of cultures and customs that enrich LaGuardia and make it unique.

Clubs and Organizations

The formation of clubs depends upon the interests of students involved. Club members plan and implement social, cultural, educational and creative ventures outside the classroom. New clubs are organized through the Student Advisory Council. An average of 35 clubs and organizations are chartered within the College. The organizations stem from the social, academic and cultural interests of our students. In addition, if you want to start your own club, you will be provided with the necessary assistance for its development. Here is a listing of some of the clubs that have been active in the past: Actors' Guild, *The Bridge* student newspaper, Bangladesh, Black Student Union, Breaking Through the Barriers, Chinese Christian Fellowship, Circle K, College Discovery, Desi, Engineering, Exposure, Japanese, Math, Muslim Student Association, Nursing, Occupational Therapy Assistant, Phi Theta Kappa, Philosophy, Physical Therapy Assistants, Practical Nursing, Psychology, SGA, Straight and Gay Alliance, Urban Truth, Vet Tech, and Web Radio. LaGuardia also has Cheerleading and Step teams.

For more information on how to become involved in any of the organizations, contact the Office of Campus Life, (718) 482-5190.

The LaGuardia Yearbook

The Yearbook, published annually by the Office of Campus Life, contains pictures and chronicles services, achievements and events involving the entire college community.

Leadership Program

Open to all students, this program shapes our future leaders through community service activities, organizational leadership sessions and skills development workshops. Students develop leadership skills and participate in situational challenges, while embracing and capitalizing on the cultural diversity of our community.

Student Government Association: M160 (718) 482-5297

Student Government is an organization elected by students to represent the student body to the administration of the College, faculty, student organizations and the general college community. Elections are held annually. Student Government consists of 12 elected student members (Governors) selected through a democratic voting process open to the entire student body, which is coordinated by the Office of Campus Life. Student Government also sponsors a variety of institutional functions and activities in order to create services that will benefit the student body and enhance the entire College community.

Student Government Study Hall: M159

The Student Government Association (SGA) Tutoring Center at LaGuardia Community College is committed to assisting students achieve academic excellence by offering multidisciplinary academic support. Our philosophy is based on the principle that each student has a unique style of learning. Students can receive tutoring in multiple subject areas via appointment, walk-in requests and group tutoring sessions during the day and evening hours. The SGA study hall provides a supportive space for students to not only excel, but enjoy learning. For more information about tutoring services, contact Jenny Mayorga, Academic Resource Center Coordinator, (718) 482-6064.

Phi Theta Kappa International Honor Society

Room M222, Office A,

Tel: (718) 482-5220

E-mail: ptk@lagcc.cuny.edu, pdoctor@lagcc.cuny.edu

Website: <http://www.lagcc.cuny.edu/ptk/> or www.ptk.org

Phi Theta Kappa is the international honor society for community colleges. Founded in 1918 to recognize academically high-achieving and motivated community college students, Phi Theta Kappa offers members the opportunity to develop in areas that its founders designated as the Society's four Hallmarks: Scholarship, Leadership, Service and Fellowship. Members are also eligible for special Phi Theta Kappa transfer scholarships offered by four-year colleges across the country. The Phi Theta Kappa Chapter at LaGuardia Community College is named Alpha Theta Phi and it was chartered in 1983. The Chapter, which converted from "club" to "organization" status in 2000, has been a dynamic presence on the College campus, and has been involved in a range of service and scholarly activities. Students who have earned 12 credits with a GPA of 3.50 or higher are eligible to become Phi Theta Kappa members. Qualified students are automatically invited at the end of each semester. There is a one-time membership fee of \$70.

The Women's Center: MB10, (718) 482-5188

The Women's Center enhances and encourages the intellectual, social, and emotional development of women and embraces all of the holistic personal wellness attributes of the Physical, Social/Environmental, Emotional, Spiritual, Intellectual and Academic aspects of the student's life.

Webpage: www.laguardia.edu/Student-Services/Women-s-Center/
Email: womencenter@lagcc.cuny.edu

The Black Male Empowerment Cooperative (BMEC) Program

The BMEC program assists students in navigating the College experience. The program focuses on, but is not limited to, men of color and offers opportunities for leadership, career and personal growth through guided conversations, interactive workshops, as well as group and one-on-one mentoring. It is a comprehensive retention program with a strong emphasis on academic success and student engagement.

Student Communication Resources

The Student Information Center: (718) 482-5935

The Student Information Center provides important college news to support the educational goals of prospective, new and current students. We remain in touch with students throughout the academic year via telephone, email, text message, Student News and personally at our Welcome Center in Shenker Hall/M-Building Lobby. We offer critical information and assistance about admissions, testing, registration, financial aid, change of program, tuition payment as well as other academic enrichment programs. We are available to answer student questions Monday-Thursday, 9:00 am - 7:00 pm.

Questions? Email: callcenter@lagcc.cuny.edu.

Student Email, Microsoft Office 365

All students are given a LaGuardia email account upon their first registration. Student email is the preferred method to contact students to share College-related news and information about advisement, registration, academic calendar, payment options and weekly updates about campus events.

Questions? Email: LaGuardiaNews@lagcc.cuny.edu

My LaGuardia

My LaGuardia is the "one-stop shop" online tool for students. It is a secured site that introduces single sign-on access to LaGuardia applications, e.g. student email, Blackboard, Student Advisement Degree Audit, and ePortfolio. It also offers a variety of customized information and resources to help students track their academic progress and get the most out of their college experience at LaGuardia. My LaGuardia can be accessed from the College website or by visiting <http://my.laguardia.edu>.

The College regularly sends announcements and reminders that are essential to success at LaGuardia, including:

- Academic status
- Financial aid updates
- Scholarship info
- Registration deadlines
- Class scheduling changes
- Tuition info
- Campus discounts



ATHLETICS AND RECREATION DEPARTMENT: AQUATICS, SPORTS, & FITNESS

Room: MB42 Tel: (718) 482-5044

E-mail: briang@lagcc.cuny.edu

Website: <http://www.lagcc.cuny.edu/recreation/>

As a part of LaGuardia Community College's Health and Wellness Center, the Athletics and Recreation Department offers a wide variety of sports and fitness activities for the entire College population, throughout the day, evening, and on weekends. The facility includes a multi-purpose Sports Gymnasium, Fitness Center, a six-lane, regulation-size swimming pool and a Movement Studio. We are health and fitness educators, promoting the benefits of physical activity, with a focus on the average athlete/participant.

Intramural Sports

We provide a competitive intramural sports experience in such sports as basketball, handball, flag football, volleyball, indoor soccer and table tennis. We utilize a "Captain" System for our team sports, where individual students can develop their leadership skills. Team Captains are responsible for developing an event's rules and procedures, certifying rosters, making policy decisions, and serving as the team's spokesperson. Awards are presented to intramural champions at the conclusion of an event. The following is a sample of our activities.

Leagues

5-on-5 Basketball, Indoor Soccer, Flag Football

Tournaments

3-on-3 Basketball, Volleyball, Handball

Fitness Center

The Fitness Center is equipped with Cybex, Flex, and Universal machines, Free Weights, treadmills, stair climbers, stationary bikes, and elliptical cross-trainers. Group Fitness Classes are offered 6 days per week and include a variety of strength, wellness, dance, and aerobic conditioning workshops.

Spinning and TRX Center

Spinning and TRX classes are held in our Movement Studio. They combine high energy cycling with a motivating atmosphere. TRX is also known as a "Suspension Trainer," a highly portable performance training tool that leverages gravity and the user's body weight to complete 100s of exercises.

Swimming Pool

Enjoy our 25-yard, six-lane indoor swimming pool seven days a week, year round. Staffed by certified aquatic specialists and qualified instructors, we offer swimming classes for all levels of ability, from beginner to advanced.

Swim on your own during lap swim and open swim times, or take advantage of one of our classes to improve your swimming stroke and increase your stamina. Whatever your goal, you'll leave relaxed and refreshed.

Community Age Group Swim Team

Our age group swim team (5-16 years), the Twisters, is a metropolitan area swimming powerhouse. The team practices 6-days per week and many of our swim program graduates go on to compete in area competitions. We regularly send swimmers to junior Olympic swim meets and have even sent one swimmer to the Olympic trials. With over 140 swim team members, children and teenagers build friendships as well as a physical and mental discipline that serves them for their entire lives.

Athletics Program

The Athletics Program offers intercollegiate competition through Men's and Women's Basketball. Our teams compete under the NJCAA Division III and CUNY Athletic Conference guidelines competing against CUNY and SUNY Region XV colleges.

All students taking a minimum of 12 credits during the Fall I and Spring I session are eligible to tryout and join one of the teams as a student-athlete. There are many other opportunities to support the Athletics Program, such as:

- Team Managers
- DJ's
- Event Team
- Videographers
- Practice Team(s)
- And More!

The **LaGuardia Red Hawks Basketball** teams for men and women compete as members of the National Junior College Athletic Association (NJCAA) Division III and the CUNY Athletic Conference. If you are interested in becoming part of the team, "Tryouts" take place during Fall Session 1 (October 1st). Team members will be announced in October. Due to the comprehensive requirements for NJCAA eligibility, we require you to complete and submit an online application for tryouts. Check the Intercollegiate Athletics web page for more information <http://www.lagcc.cuny.edu/recreation/>

Eligibility for Intercollegiate Athletics:

This is not an all-inclusive list, but it does list the basics of NJCAA student-athlete eligibility. If these criteria are met, then you will be initially qualified to participate in the intercollegiate Basketball Team activities.

- Enrolled and successfully complete a full-time course load at LaGuardia during the Fall session 1 with 12 credit hours (Basic Skills courses count!). This is how the NJCAA defines a full-time student status, which is different than LaGuardia Community College.
- Actively participate in all assigned pre-semester and semester workshops, seminars, tutoring, and study hall sessions.
- Meet a minimum of once-per-week with the Student-Athlete Ambassador to stay on-track academically.
- Be available to practice and perform in all home and away games.
- Maintain a minimum GPA. of 2.00
- Provide medical doctor's clearance of your physical readiness to participate in intercollegiate sports.

Basketball Skills Academy

LaGuardia's Basketball Skills Academy gives players ages 6-18 the opportunity to learn the concepts and fundamentals of basketball and develop their overall game. The skills academy focuses on helping athletes improve their skills and develop their talent by learning beginner level and experienced level practice drills, and preparing high school student-athletes for the upcoming basketball season in an air conditioned gymnasium.

Contact Information

- Recreation Office (718) 482-5044
- Gymnasium (718) 482-5043
- Fitness Center (718) 482-5963
- Swimming Pool (718) 482-5038

LaGuardia Performing Arts Center

Room E241 (718) 482-5151

The LaGuardia Performing Arts Center (LPAC) is an internationally recognized producer and presenter of new live dance, theater, music, and multidisciplinary programming that reflects the dynamic community of Queens and the surrounding New York City. LPAC is located within LaGuardia Community College, a cultural crossroads that provides an educational and artistic home to New York City's most diverse community. Each year, nearly 20,000 individuals attend LPAC performances by some of today's most exciting international artists. Easily accessible by public transportation and just 10 minutes from Manhattan, LPAC is located in the center of Long Island City, Queens.

LPAC boasts a 740-seat state-of-the-art proscenium theatre (Main Stage), a 200-seat multipurpose theatre (Little Theatre), and a 75-seat Black Box, along with ample site-specific performance and

rehearsal space, dance studio, an in-house recording capabilities, and professional costume and scene shops.

LPAC's innovative LAB Program provides crucial professional support for New York City's emerging dance and theater artists and companies to develop and perform ambitious new work. Through space, technical resources, and funding, artists are able to bring their visions to fruition on LPAC's stage.

The LPAC Writers Lab is staffed with professional playwrights and authors who guide writers in bringing their imagination to the page. LAGCC professors work with writers in multiple languages to develop and translate new work for stages all over the world.

To further its artistic mission, LPAC has achieved artistic partnerships with some of the primary international cultural venues that are located in the NYC community including: Carnegie Hall, Brooklyn Academy of Music (BAM), The Public Theater, The Chocolate Factory, Ballet Hispanico, Flux Factory, NYC Opera, Queens Theatre in the Park, and Queens Council on the Arts among many others.

For more information about upcoming performances, programs, and space rentals and to be included on LPAC's mailing list, please visit www.laguardiaperformingarts.org or call (718) 482-5151. Be sure to "Like" us on Facebook.

Public Safety

Emergency Awareness Card

The college has prepared a pocket-size Emergency Awareness Card to help you deal with emergency situations on campus. The information on the card will tell you what to do and who to call in the event of a fire, medical emergency or crime on campus. The Emergency Awareness Cards are distributed upon entering the College, and can also be obtained at the Public Safety Office in E100.

Please become familiar with the card and keep it handy as a quick reference in the event of an emergency. Safety and security on our campus is everyone's responsibility. We ask your help in keeping LaGuardia Community College a safe place to learn and work.

CUNY Alert System

A new CUNY college-wide emergency notification system enables LaGuardia Community College to immediately advise students, faculty and staff of an emergency via text message, email and more.

CUNY Alert is an opt-in system which means you choose to participate. You select the way you want to be notified. Messages can be received via cell phone (text and/or voice), land line telephone and email. To sign up, visit: www.cuny.edu/alert and follow the simple, step-by-step instructions.

CAMPUS AND COMMUNITY PROGRAMS

Division of Adult and Continuing Education

The Division of Adult and Continuing Education (ACE) at LaGuardia Community College is the largest continuing education division among all the CUNY campuses and is one of the most comprehensive in the country. ACE serves annually over 32,500 students of diverse cultures, ages, ethnicities, and educational and economic backgrounds.

ACE offers a wide variety of non-credit academic, professional training and business programs for adults and youth in New York City. Individuals can choose from literacy and high school equivalency programs; English as a Second Language classes; college preparation; programs for Deaf adults and more. ACE also fosters workforce development by providing vocational training, employment services, and career and professional programs. And ACE partners with employers large and small to match qualified students and alumni with businesses and organizations throughout New York City.

In addition, ACE's extensive business services are boosting the local economy by supporting existing businesses in growing and creating jobs and by helping new entrepreneurs successfully launch their companies.

For more information visit www.lagcc.cuny.edu/ace/.

Adult Basic Skills (ABS)

The Adult Basic Skills Department prepares adult continuing education students to earn a high school equivalency diploma and achieve their college and career pathways goals. ABS offers free and low-cost classroom instruction (reading, writing and math

skills) to adults over 19 years of age in both English and Spanish for adult basic education (ABE) and high school equivalency (HSE) preparation. Students also receive advisement services on career and college pathways planning, applying to CUNY, financial aid for college, and registering for the Test Assessing Secondary Completion (TASC) examination. Classes are offered in the mornings, evenings or Saturdays. ABS is an official New York State HSE TASC Testing Center. For more information call (718) 482-5385 or email adultbasicskills@lagcc.cuny.edu.

ASL - English Interpretation Program (AEIP)

The American Sign Language – English Interpretation Program is a rigorous academic program that prepares students who are fluent in ASL to become ASL-English interpreters (BA degree or Professional Certificate), with special preparation for interpreting in educational settings. For more information visit www.laguardia.edu/aeip/, call (718) 482-5313 Voice or (917) 832-1207 VP, or email vwatson@lagcc.cuny.edu.

Career and Professional Programs (CAPP)

Career and Professional Programs prepare students for a wide variety of careers, with over 20 certificate and license training courses in areas such as healthcare, bookkeeping and accounting, computer training, construction management and more. Working professionals can upgrade their skills in order to advance in their career. Programs range from one month to one year in duration. Instructors are experienced professionals working in their fields. For more information visit www.laguardia.edu/capp/, call (718) 482-5481 or email ACEProfessional@lagcc.cuny.edu.

Career Development Center (CDC) and ACE Employment Services

The Career Development Center is a comprehensive career counseling center that offers career assessment, counseling and planning; vocational training or education referrals; and job search skills for adults changing careers, the underemployed and others. CDC also includes the ACE Advisement Center, which transitions non-credit students into college degree programs. ACE Employment Services offers job readiness and placement services for non-credit students, particularly those graduating from ACE training programs. For more information call (718) 482-5355 or email careerdevelopmentcenter@lagcc.cuny.edu.

Center for Contract Training (CCT)

The Center for Contract Training develops customized educational programs in a variety of fields for businesses, non-profit and community and other organizations. Programs range from English as a Second Language (ESL) classes for Post-Doctoral Fellows at Memorial Sloan Kettering Cancer Center to credit-bearing security courses for Transportation Security Administration agents at Kennedy and LaGuardia Airports. CCT also coordinates online courses for the division. For more information call (718) 482-5330 or email snival@lagcc.cuny.edu.

Center for Immigrant Education and Training (CIET)

The Center for Immigrant Education and Training offers free contextualized English as a Second Language (ESL) and job training programs, along with career counseling and case management services to low-income immigrant adults. Its goal is to support students in becoming lifelong learners and independent, contributing citizens of New York City. For more information visit www.laguardia.edu/ciet/default.html or call (718) 482-5460.

College and Career Pathways Institute (CCPI)

The College and Career Pathways Institute pilots new and innovative program models, using evidence-based contextualized instructional strategies to help adult educators prepare students to become college and career ready. For more information visit www.lagcc.cuny.edu/ACE/Programs/CCPI/Home/, call (718) 482-5387 or email CCPI@lagcc.cuny.edu.

College Prep

College Prep workshops provide information and advice to prospective students on how a college education can help them meet their personal and professional goals. Topics include choosing the appropriate educational path that leads to a chosen career; admissions procedures and requirements; financial aid and scholarship information; and improving academic skills for college-level coursework. For more information visit ace.laguardia.edu/collegeprep/ or call (718) 482-5966.

CUNY Fatherhood Academy

The CUNY Fatherhood Academy is a free program that helps young fathers between the ages of 18 and 30 who are unemployed or underemployed to earn a high school equivalency diploma while focusing on academic and personal success; prepare for college; get work experience through a part-time job or an internship; explore careers; and learn about important topics such as parenthood, health and financial literacy. For more information call (718) 730-7336 or email dspeal@lagcc.cuny.edu.

CUNY English Language Immersion Program at LaGuardia (CLIP)

The CUNY Language Immersion Program provides intensive English as a Second Language (ESL) studies—25 hours per week for up to one year—to students who have been accepted to LaGuardia or other CUNY colleges and have chosen to defer their enrollment in order to concentrate on improving their English language skills. The instructional format includes classwork, research projects, a range of computer applications, orientation to college, and out-of-class assignments. The curriculum reflects a holistic approach to language development that integrates listening, speaking, reading and writing, in the context of academic preparation. For more information visit ace.laguardia.edu/clip/ or call (718) 482-5966.

CUNY Start

CUNY Start is an intensive 18-week academic program that provides remedial instruction in academic reading, writing and math for college-bound high school and equivalency graduates. The program allows students to save financial aid for credit courses and offers advisement on college and career planning. For more information visit www.lagcc.cuny.edu/ACE/CUNYSTART.aspx, call (718) 482-5137 or email cunystart@lagcc.cuny.edu.

Emergency Medical Technician (EMT)/Paramedic/Certified Clinical Medical Assistant Programs (CCMA)

The Emergency Medical Technician and Paramedic Programs train individuals in Basic Pre-Hospital Emergency Care. New York State certification depends upon satisfactory attendance, successful completion of course exams, and passing of a final exam administered by the New York State Department of Health, Bureau of Emergency Medical Services. The Certified Clinical Medical Assistant (CCMA) Program trains students to become an important member of the medical team who assists the physician with procedures such as taking vital signs, preparing patients for medical procedures, and performing phlebotomy (blood drawing) and electrocardiography (EKG). In order to take the CCMA national certification exam, students must successfully pass all five courses in the program. (Some exemptions are possible.) For more information visit www.lagcc.cuny.edu/ace/emt.aspx or call (718) 482-5768.

The English Language Center (TELC)

The English Language Center offers non-credit English as a Second Language (ESL) programs on a full-time or part-time basis, as well as specialized workshops for skill development and test preparation. Beginning, intermediate and advanced level courses are available to recent immigrants, international students or visitors and others in need of ESL instruction. Students can also practice their English skills using the latest technology in the TELC Media Center. TELC issues I-20s to qualified students. Students who complete the intensive programs are eligible to enter CUNY without taking the TOEFL. For more information visit acc.laguardia.edu/esl/ call (718) 482-5360.

Goldman Sachs 10,000 Small Businesses

10,000 Small Businesses is an initiative developed by Goldman Sachs to help small businesses across the U.S. grow and create jobs through greater access to business education, support services and capital. LaGuardia Community College is the initiative's first community college partner. For more information visit www.lagcc.cuny.edu/10ksb/ or email 10KSB@lagcc.cuny.edu.

Green Jobs Training Program

The Green Jobs Training Program is a free program that trains unemployed and underemployed New Yorkers for careers in Green Cleaning & Waste Management, and Building Operations & Maintenance. The program helps participants develop job readiness skills, prepares them to apply for green jobs, and connects them with employers and companies that have or want to develop a green focus. For more information call (718) 663-8407 or email greenjobs@nydesigns.org.

New York City Welcome Back Center

The New York City Welcome Back Center provides comprehensive services to help internationally trained healthcare professionals rebuild their healthcare careers through guidance in the process of becoming licensed in New York in their specialty or another healthcare area as they work towards licensure in their field. The center also provides referrals to appropriate English language programs, licensing test preparation courses and job placement services, and offers professional advisement counseling free of charge. For more information visit www.laguardia.edu/nycwbc/ or email nycwbc@lagcc.cuny.edu.

NYDesigns

NYDesigns, a business incubator, helps emerging and established designers and tech firms grow their companies by offering low cost studio space, business and sustainability training, business counseling, and a cutting-edge prototype lab—all under one roof. For more information visit www.nydesigns.org or call (718) 663-8404.

Pre-College Academic Programming (PCAP)

The Pre-College Academic Programming Department runs two innovative program models that prepare students for the high school equivalency exam, college/postsecondary studies or vocational training programs. The Bridge to College and Careers Program focuses high school equivalency preparation on careers and college readiness. "Contextualized" instruction in business, health or science helps students build their basic academic skills in order to prepare for post-secondary education, training or a career in one of those three areas. PCAP's NYBEST Programs (based on Washington State's Integrated Basic Education and Skills Training (I-BEST) initiative) focus on math and literacy skills in the context of vocational training. The current S.A.V.E. EMT Program, designed for educationally and economically disadvantaged adult students, combines vocational Emergency Medical Technician (EMT) coursework with basic skills instruction. For more information visit www.laguardia.edu/pcap/, call (718) 482-5385 or email PCAP@lagcc.cuny.edu.

Procurement Technical Assistance Center (PTAC)

The Procurement Technical Assistance Center helps New York City businesses—in particular, small, minority and women business owners—market their goods and services to government agencies. For more information visit www.lagcc.cuny.edu/ptac/ or call (718) 482-5306.

Program for Deaf Adults (PDA)

Program for Deaf Adults is the largest, most comprehensive post-secondary program for Deaf and Hard-of-Hearing students in the New York City area. Students pursuing an Associate Degree are supported by academic, personal and job development counseling; registration assistance, classroom interpreters, tutors and note takers; testing accommodation; and special sections of Basic Skills Reading and Writing taught in American Sign Language. Courses offered under Continuing Education include High School Equivalency Preparation, Adult Basic Education, Driver Education, Computer Skills, American Sign Language and more. For more information visit www.lagcc.cuny.edu/pda/, call (718) 482-5324. Voice or (917) 832-1202 VP or email pda@lagcc.cuny.edu.

Small Business Development Center (SBDC)

The LaGuardia Small Business Development Center provides free, one-on-one professional counseling for existing and start-up businesses in English, Spanish and Chinese. Areas of advising include how to start a business; legal requirements; business and financial planning; marketing; business expansion; assistance with franchises; international trade and more. For more information visit www.nyssbdc.org/centers/centers.aspx?centid=24, call (718) 482-5303 or email sbdc@lagcc.cuny.edu.

Small Business Transportation Resource Center (SBTRC)

The US Department of Transportation's (DOT) Northeast Small Business Transportation Resource Center, located at LaGuardia Community College, helps new and emerging businesses obtain transportation-related contracts. Assistance is available through training and advising on marketing to the DOT, Disadvantaged Business Enterprise certification, short-term lending and bonding assistance. For more information call (718) 482-5941 or email eperdomo@lagcc.cuny.edu.

Taxi & FHV Driver Institute

The Taxi & For Hire Vehicle Driver Institute is an approved New York City Taxi & Limousine Commission (TLC) vendor that provides taxi and FHV training. With over 30 years of experience serving the needs of professional drivers, the Institute prides itself on its experienced staff, professional instruction, and commitment to facilitating lifelong learning. For more information call (718) 482-5335 or email CUNYTAXI@lagcc.cuny.edu.

Transportation Institute

The Transportation Institute is an approved New York State training provider for the transportation industry. Basic driver education and advanced commercial driver training programs offer experienced staff, professional instruction and opportunities for lifelong learning. For more information call (718) 482-5336 or email CUNYTAXI@lagcc.cuny.edu.

Veterans Resource Center

The Veterans Resource Center offers veterans free evening high school equivalency and college prep courses; computer classes; tutoring; assistance in applying for GI Bill benefits and with other financial aid; and other support services. For more information visit www.laguardia.edu/veterans/ or call (718) 482-5386.

Workforce Education Center (WEC)

The Workforce Education Center provides free vocational skills training; high school equivalency preparation for teens; youth internship and community programs; and academic enhancement services to low income youth and adults. Programs include Summer Youth Employment Program, Young Adult Internship Program, Justice Community Program and Home to Work Center for Displaced Homemakers. Emphasis is placed on empowering students to develop computer literacy and transferable job skills in order to compete in an increasingly technological society. For more information call (718) 482-5340.

Division of Academic Affairs

The Center for Teaching and Learning

The LaGuardia Center for Teaching and Learning offers faculty-led programs designed to advance innovative teaching and to enrich student learning. Founded in Fall 2001 as a center for professional collaboration, reflection, and exchange, the Center draws upon the expertise of the entire College to help better serve students. The principles of effective practice developed by the Center guide its work with faculty. From issues of interdisciplinary literacy to strategies for addressing the rich and growing diversity of our student community to the questions raised by new educational technologies, the Center helps the College face exciting educational challenges and opportunities.

LaGuardia and Wagner Archives, E238

The LaGuardia and Wagner Archives was established in 1982 to collect, preserve, and make available materials on the social and political history of twentieth-century New York City, with an emphasis on New York City government and the borough of Queens. This growing repository houses the personal papers of Mayors Fiorello H. LaGuardia, Robert F. Wagner, Abraham D. Beame, and Edward I. Koch; the records of the Council of the City of New York, the New York City Housing Authority, and the piano company Steinway & Sons, as well as a Queens History Collection. The Archives also maintains exhibitions on the history of New York City, mounted throughout the College.

The mission of the Archives is to serve as a research center for LaGuardia faculty and students in addition to scholars, journalists, and policy makers interested in the history of the city. The staff produces exhibitions and publications designed to reach people who rarely visit museums, libraries or archives. In these ways, the Archives reflects Fiorello H. LaGuardia's own commitment to serving all the people of New York and his vision of a government responsive and accessible to the citizenry.

HIGH SCHOOLS

30Q258 - Energy Tech High School, Long Island City, Queens

Energy Tech is an Early College Initiative and Career and Technical Education school focused on building a skilled workforce for the fast-growing energy industry. The school opened in the fall of 2013 and is being developed in partnership with the City University of New York, LaGuardia Community College, National Grid, and Con Edison. Our mission is to prepare students for the demands of college and work, and for a range of competitive careers in electrical and mechanical engineering in our local industry. In collaboration with local university and industry partners, Energy Tech provides students with the skills and understandings to earn a high school diploma, an associate's degree, and technical certifications over the course of a six-year program. Ultimately,

our students will leave us as skilled candidates for jobs on a ladder of career growth in the field of energy, or competitive applicants for four-year colleges. We realize this vision through a thoughtfully designed curriculum, a backbone of College and Career Foundations coursework, and a collaborative approach to problem solving.

Curriculum at Energy Tech is planned in collaboration with university and industry partners, ensuring that what we teach is aligned with what our students will encounter in college and in the workplace. Knowing that we are preparing students for these experiences earlier than is typical, we provide multiple ways to access the content in the classroom: through technology, collaborative learning, visual representations, and also through daily small-group learning labs.

College and Career Foundations coursework develops understanding of and interest in the field of energy through college and workplace visits, guest speakers, problem solving, mentoring, and internships and apprenticeships. These courses and experiences help students identify career interests and develop the skills to be successful scholars, workers, and citizens.

A collaborative approach to problem solving is central to how students work in the classroom, and to how our greater school community functions. Our students are engaged in collaborative work in each class, meet daily in Advisory groups, and periodically voice ideas and concerns in Town Hall Meetings. Staff and partners, also, work in teams to design high-quality programs, to monitor progress, and to make revisions when necessary. Our approach maintains a high degree of accountability to one another and a strong sense of value, belonging, and ownership.

The International High School

The International High School, a multicultural alternative educational environment for recent arrivals, serves students with varying degrees of limited English proficiency. A collaborative project between the New York City Department of Education and LaGuardia Community College, this school offers a high school/college curriculum combining substantive study of all subject matter with intensive study and reinforcement of English.

The school's instructional focus is on language development in the content areas, which reflects our belief that language skills are most effectively learned in context. High school courses are theme- and inquiry-based and instruction is project-driven and experiential.

Teams of interdisciplinary teachers create curricula, schedule students and teachers, determine assessment procedures, and provide guidance and counseling service for students. These interdisciplinary teams have been a major factor contributing to our record of high student attendance and achievement.

The high school is officially recognized as an Early College Program by New York State Education Department. Our students

have the option to earn both a high school diploma as well as an Associate's Degree from LaGuardia as part of this five-year program. Our students take college courses with matriculated college students for both high school and college credit, thus increasing their access to curricular offerings.

The opportunity to attend high school on a college campus allows our students to see themselves as college students, which provides them with a level of maturity and a sense of purpose beyond what is typical of their peers.

Middle College High School

Middle College High School at LaGuardia Community College each year accepts 110 ninth and tenth graders from schools in Districts 24 and 30 in the western section of Queens. Our high school program provides intensive guidance, small classes, career exploration, and an interdisciplinary school setting. The resources and positive role models provided by the College complement the skills of the teachers, all of whom have New York City High School Licenses.

Middle College students may choose from college courses, aligned with CUNY Pathways that will receive both college and high school credit. All Middle College students are expected to graduate with a minimum of 24 college credits with some on the degree track. Middle College High School is an official Early College Program. Students have the ability to earn a High School diploma as well as an Associate's degree from LaGuardia as part of this five year program. The degree track allows students to attend a fifth year in order to earn college credits or an Associate degree.

Students at Middle College are members of the College community, and can use the full facilities of the College including the library, membership in college clubs, participation in intramural sports, and open recreation programs. Middle College also has a special program for hearing impaired students in Western Queens.

Robert F. Wagner Jr. Institute for the Arts and Technology

The Robert F. Wagner Jr. Institute for the Arts and Technology is the third high school program on the LaGuardia campus. Located one block from the College, students in grades 7 through 12 experience an interdisciplinary curriculum, small classes, and intensive guidance programs with a focus on the arts and technology.

The high school's facilities include a complete video studio, editing facility, screening room, theatre space, an art gallery, three computer labs (IBM/Mac), photo darkrooms and complete science labs. The school has ongoing partnerships with The New Museum, P.S. 1, and Socrates Sculpture Park.

Students at the Institute for the Arts and Technology, as members of the College community, are eligible for college I.D. cards, may take College classes, and can use the full facilities of the College including the library and gymnasium.

School-College Collaboration

In addition to its on-campus high schools, the College works closely with the New York City Board of Education, high schools and community school districts in Queens and across New York City to prepare students for college admission and retention.

Toward this end, the College provides a number of programs, which currently include:

- ▶ College Now! a CUNY initiative, enables juniors and seniors in 15 high schools to take college credit and non-credit-bearing courses, and ninth and tenth graders to participate in a range of activities, including specially designed high school elective courses co-taught by school and college faculty, at their home high schools. Special programs include linked writing and subject-area courses, and Saturday theatre seminars and performances. Students at Franklin K. Lane and Aviation high schools can also take pre-engineering courses through College Now! and, upon graduation, enter the new engineering program offered jointly at LaGuardia and CCNY. Students who have excelled in College Now! may be invited to take college Honors courses.
- ▶ College Connection, a LaGuardia-sponsored program, makes it possible for junior and senior high school students to take LaGuardia Community College courses on-campus.
- ▶ The Liberty Partnership Program is a high school retention and college preparation program operating within Grover Cleveland, Franklin K. Lane, and Newtown High Schools.

- ▶ Project Upward Bound, a U.S. Department of Education funded program, serves low-income students from Aviation, W.C. Bryant, International, Middle College, Newtown, and Robert F. Wagner high schools in Queens. The program prepares low income and first generation students for post-secondary education. In partnership with Vassar College, the Upward Bound program sends 40 students to Vassar each summer for a 6-week, academically challenging program of classes and extracurricular activities.

In addition to its efforts to facilitate the transition of students to post-secondary education and the workplace, LaGuardia is deeply concerned as well with promoting the professional development of teachers and counselors, increasing their knowledge of learning communities, and active, project-driven and interdisciplinary learning. Since 1992, the College has hosted high school faculties on Professional Development Days and worked intensively and continuously with K-12 teachers through the Queens School-to-Work Program, the Goals 2000 Cross-Queens Collaborative, and the Queens Urban Partnership. Also, in keeping with the College's commitment to improving literacy skills, faculty from College Now! high schools receive training in Writing in the Disciplines.



MARK IBRAGIMOV / LAGUARDIA COMMUNITY COLLEGE

APPENDICES AND INDEX

College and University Policies

Affirmative Action Policy

LaGuardia Community College is committed to the principles and spirit of affirmative action and equal opportunity.

It is the policy of The City University of New York and LaGuardia Community College to admit and provide services for students without regard to race, color, creed, national origin, ethnicity, ancestry, religion, age, sex, sexual orientation, gender identity, marital status, legally registered domestic partnership status, disability, predisposing genetic characteristics, alienage, citizenship, military or veteran status, status as a victim of sexual offenses, status as a victim of stalking, or status as a victim of domestic violence. Please visit the link <http://www.cuny.edu/about/administration/offices/la/Policy-on-Equal-Opportunity-and-Non-Discrimination-December42014with-procedures.pdf> for the current City University of New York Equal Employment and Non-Discrimination Policy.

LaGuardia Community College recognizes its obligation to provide students with equal consideration when seeking admission, financial aid, and access to student services, and academic and athletic programs.

The College believes in a policy of nondiscrimination, and as an educational institution maintains an ongoing program to assure compliance with federal legislation and University guidelines. The Affirmative Action Program encourages positive practices and ensures equitable disciplinary procedures for any member of the College community who engages in harassment on the basis of race, sex, sexual orientation or disability, or any individual who reports such an incident.

It is the policy of LaGuardia Community College to operate and comply with the requirements of the Equal Pay Act of 1963, the Civil Rights Act of 1964, Title VI, Title VII, the Educational Amendment Act of 1972 (Title IX), Executive Order 11246 as amended by Executive Order 11375, the Rehabilitation Act of 1973 (503 and 504), Section 402 of the Vietnam Era Veterans Readjustment Assistance Act of 1974, the Age Discrimination Act of 1974, the Immigration Reform and Control Act of 1987, the Civil Rights Restoration Act of 1987, and the American Disabilities Act of 1990.

The “protected classes,” as delineated in Executive Order 11246: (i.e. Black, Hispanic, Asian/Pacific Islander, American Indian/Alaskan Native and Women), were expanded on December 9, 1976 by the Chancellor of The City University of New York to include Italian-Americans. The U.S. Office of Management and Budget further expanded these protected classes in 2006 to include two or more races (not Hispanic or Latino) and replaced Asian/Pacific Islander, with Asian (not Hispanic or Latino) and Native Hawaiian (not Hispanic or Latino), Black was renamed as Black or African American (not Hispanic or Latino) and Hispanic was renamed Hispanic or Latino.

The President, as Chief Executive Officer, has overall responsibility for the Affirmative Action Program. The President has designated the responsibility for the Affirmative Action Program to Christopher Carozza, Esq., Chief Diversity Officer/Title IX Coordinator, Compliance & Diversity/Affirmative Action, Room E512, (718) 482-5088, ccarozza@lagcc.cuny.edu.

Policy Against Sexual Misconduct

LaGuardia Community College is committed to the principles and spirit of compliance with the Equal Employment Opportunities Commission laws which govern sexual harassment. Sexual harassment is illegal under Title VII of the Civil Rights Act of 1964, and Title IX of the Education Amendments Act of 1972. Sexual harassment occurs when “unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature” are made a condition of employment or student status, are used in decisions affecting an employee or student, affect an employee’s work performance or student’s academic performance or create an overall intimidating, hostile or offensive working environment or student environment.

LaGuardia Community College is committed to maintaining and fostering a fair, humane and supportive environment for all of its students, faculty and staff. The college does not condone and will not tolerate sexual harassment.

The College adheres to the official policy of the Board of Trustees of the City University of New York, which explicitly prohibits sexual harassment throughout the University community.

The policy is as follows:

Every member of The City University of New York community, including students, employees and visitors, deserves the opportunity to live,

learn and work free from sexual harassment, gender-based harassment and sexual violence. Accordingly, CUNY is committed to defining conduct that constitutes prohibited sexual harassment, gender-based harassment and sexual violence, providing clear guidelines for students, employees and visitors on how to report incidents of sexual harassment, gender-based harassment and sexual violence and a commitment that any complaints will be handled respectfully, promptly responding to and investigating allegations of sexual harassment, gender-based harassment and sexual violence, pursuing disciplinary action when appropriate, referring the incident to local law enforcement when appropriate, and taking action to investigate and address any allegations of retaliation and providing ongoing assistance and support to students and employees who make allegations of sexual harassment, gender-based harassment and sexual violence. LaGuardia Community College will also provide awareness and prevention information on sexual harassment, gender-based harassment and sexual violence, including widely disseminating this policy, as well as a “students’ bill of rights” and implementing training and educational programs on sexual harassment, gender-based harassment and sexual violence to college constituencies. Sexual harassment or sexual violence committed against employees or students is inconsistent with this objective and contrary to the University policy of equal employment and academic opportunity without regard to race, color, creed, national origin, ethnicity, ancestry, religion, age, sex, sexual orientation, gender identity, marital status, legally registered domestic partnership status, disability, predisposing genetic characteristics, alienage, citizenship, military or veteran status, status as a victim of sexual offenses, status as a victim of stalking, or status as a victim of domestic violence.

The University, through its colleges, will disseminate this policy and take other steps to educate the University community about sexual harassment. The University will establish procedures to ensure that investigations of allegations of sexual harassment are conducted in a manner that is prompt, fair, thorough, and as confidential as possible under the circumstances, and that appropriate corrective and/or disciplinary action is taken as warranted by the circumstances when sexual harassment is determined to have occurred. Members of the University community who believe themselves to be aggrieved under this policy are strongly encouraged to report the allegations of sexual harass-

ment as promptly as possible. Delay in making a complaint of sexual harassment may make it more difficult for the College to investigate the allegations.

Complaints of sexual harassment by students should be directed to the Title IX Coordinator, the Vice President of Student Affairs, or Public Safety Office. Complaints of sexual harassment by employees should be directed to the Title IX Coordinator, the Executive Director of Human Resources, or Public Safety Office. All inquiries, complaints and concerns will be kept as confidential as the CUNY Sexual Misconduct Policy allows.

The Title IX Coordinator has overall responsibility for ensuring compliance with Sexual Misconduct rules and regulations. Information, complaints, and concerns should be directed to the Title IX Coordinator, Christopher Carozza, Esq., Room E512, (718) 482-5057, ccarozza@lagcc.cuny.edu.

Statement of Nondiscrimination

LaGuardia Community College/CUNY is an Equal Opportunity and Affirmative Action Institution. The College does not discriminate on the basis of race, color, national or ethnic origin, religion, age, sex, sexual orientation, transgender, marital status, disability, genetic predisposition or carrier status, alienage or citizenship, military or veteran status, or status as victim of domestic violence in its student admission, employment, access to programs, and administration of educational policies.

The College's Director of Affirmative Action, Compliance & Diversity, and the Coordinator for Title IX, prohibits sex discrimination in federally assisted education programs, and the Coordinator for the Age Discrimination Act, prohibits age discrimination in federally assisted education programs. The Director's office is located in E512, Room C and the telephone number is (718) 482-5057.

Mr. Jhony Nelson is the College Coordinator for the Americans with Disabilities Act and Section 504, which prohibits discrimination on the basis of disability. His office is located in M102, and his telephone number is (718) 482-5260.

Declaration of Pluralism

We are a diverse community at LaGuardia Community College. We strive to become a pluralistic community.

We respect diversity as reflected in such areas as race, culture, ethnicity, gender, religion, age, sexual orientation, disability and social class.

As a pluralistic community we will:

- ▶ Celebrate: individual and group diversity
- ▶ Honor the rights of people to speak and be heard on behalf of pluralism
- ▶ Promote intergroup cooperation, understanding and communication

- ▶ Acknowledge each others' contributions to the community
- ▶ Share beliefs, customs and experiences which enlighten us about members of our community
- ▶ Affirm each others' dignity
- ▶ Seek further ways to learn about and appreciate one another
- ▶ Confront the expression of de-humanizing stereotypes, incidents where individuals or groups are excluded because of difference, the intolerance of diversity and the forces of racism, sexism, heterosexism, homophobia, disability discrimination, ageism, classism and ethnocentrism that fragment the community into antagonistic individuals and groups

We believe by carrying out these actions, we, as students, faculty and staff can achieve social change and the development of a society in which each individual can achieve her or his maximum potential.

Family Educational Rights and Privacy Act of 1974 as Amended; Annual Notice to Students.

Notification under FERPA of Student Rights Concerning Education Records and Directory Information

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. See Section "6" below to prevent the disclosure of directory information. The FERPA rights of students are:

(1) The right to inspect and review your education records. Students should submit to the registrar, dean, head of the academic department, or other appropriate official, written requests that identify the record(s) they wish to inspect. If the records are not maintained by the College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

All requests shall be granted or denied in writing within 45 days of receipt. If the request is granted, you will be notified of the time and place where the records may be inspected. If the request is denied or not responded to within 45 days, you may appeal to the College's FERPA appeals officer. Additional information regarding the appeal procedures will be provided to you if a request is denied.

(2) The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.

You may ask the College to amend a record that you believe is inaccurate or misleading. You should write to the College official responsible for the record, clearly identify the part of the record you want changed, and specify why it is inaccurate or misleading.

If the College decides not to amend the record as requested by you, the College will notify you of the decision and advise you of your right to a hearing before the College's FERPA appeals officer regarding the request for amendment. Additional information regarding the hearing procedures will be provided to you when notified of your right to a hearing.

(3) The right to consent to disclosure of personally identifiable information contained in your education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to College officials with legitimate educational interests. A College official is a person employed by the university in an administrative, supervisory, academic or research, or support staff position; a person or company with whom the University has contracted; a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another college official in performing his or her tasks.

A College official has a legitimate educational interest if access is reasonably necessary in order to perform his/her instructional, research, administrative or other duties and responsibilities.

Upon request, the College discloses education records without consent to officials of another college or school in which a student seeks or intends to enroll.

(4) You may appeal the alleged denial of FERPA rights to the:

General Counsel and Vice Chancellor
for Legal Affairs
The City University of New York
535 East 80th Street
New York, NY 10021.

(5) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA are:

Family Policy Compliance Office
U.S. Department of Education
600 Independence Avenue, SW
Washington, D.C. 20202-4605.

(6) The College will make the following *directory information* concerning current and former students available to those parties having a legitimate interest in the information: name, attendance dates (periods of enrollment), address, telephone number, date and place of birth, photograph, email address, full or part-time status, enrollment status (undergraduate, graduate, etc.), level of education (credits) completed, major field of study, degree enrolled for, participation in officially recognized activities and sports, height and weight of athletic team members, previous school attended, and

degrees, honors and awards received. By filing a form with the Registrar's Office, you may request that any or all of this directory information not be released without your prior written consent. This form is available in the Registrar's Office and may be filed, withdrawn, or modified at any time.

Health Science Clinical Program Proof of Residency Requirement

All students applying for candidacy in the following LaGuardia Community College Clinical Programs (Nursing (RN & PN), Radiologic Technology, Dietetic Technician, Occupational Therapy Assistant, & Physical Therapist Assistant) must provide documentation in one of the following categories, in addition to meeting the course candidacy requirements:

- ▶ U. S. Citizenship
- ▶ Permanent Residency
- ▶ International Student with F1 Status
- ▶ Deferred Action Status by the U. S. Government Granted Asylum, Refugee Status, Temporary Protected Status, Withholding of Removal

Students who are interested in pursuing a health career and are unable to provide documentation in one of the categories listed above are urged to contact the Office of International Student Services located in Room M166 or call (718) 482-5143 to schedule an appointment. In addition, the City University of New York provides free counseling and assistance to all CUNY students through the CUNY Citizenship and Immigration Project. Further information can be located at the following CUNY website: <http://web.cuny.edu/about/citizenship.html>.

Notice to Nursing Students (RN and PN) on Criminal Background Checks

Current laws generally permit a state licensing board or agency to deny a license to practice nursing if the applicant has been convicted of a felony or other specified crime.

The Nursing Programs (RN and PN) at LaGuardia Community College do not require a criminal background check for admittance, but the Department's educational requirements include placement at one or more hospitals or other off-campus clinical training sites, and these sites may require a student to undergo a criminal background check before the student can be placed for clinical training. If, based upon the results of a criminal background check, the site determines that a student's participation in its clinical training program would not be in the best interest of the site, the site may deny that student admission to the training program. Even if the student has already begun the placement when the results are received, the site may elect to dismiss the student, regardless of the student's performance while in the training program.

Each clinical training site that requires a criminal background check sets its own standards and procedures, and you may be asked by the site to pay the cost of the background check. You may also have to complete more than one criminal background check during the course of the nursing programs at LaGuardia Community College, depending on the number of sites where you are placed and the requirements of each site.

Please note that if a clinical training site determines that you may not take part in its training program based on the results of a criminal background check, you may be unable to complete your course requirements and to continue in the nursing programs. It is important for you to consider this before you enroll in the Nursing program. LaGuardia Community College has no obligation to refund your tuition or fees or to otherwise accommodate you in the event you are ineligible to complete your course requirements based on the results of a criminal background check, or if you are denied a license to practice nursing.

Student Rights and Responsibilities

Student rules of conduct and disciplinary procedures are printed in the Student Handbook, which is distributed by the Office of Campus Life, Division of Student Affairs, Room M115, and on LaGuardia's website: (www.laguardia.edu). Rules for the Maintenance of Public Order (Pursuant to Article 129-A of the Education Law Henderson Rules).

The tradition of the University as a sanctuary of academic freedom and center of informed discussion is an honored one, to be guarded vigilantly. The basic significance of that sanctuary lies in the protection of intellectual freedom: the rights of professors to teach, of scholars to engage in the advancement of knowledge, of students to learn and to express their views, free from external pressures or interference. These freedoms can flourish only in an atmosphere of mutual respect, civility, and trust among teachers and students, only when members of the University community are willing to accept self-restraint and reciprocity as the condition upon which they share in its intellectual autonomy.

Academic freedom and the sanctuary of the University campus extend to all who share these aims and responsibilities. They cannot be invoked by those who would subordinate intellectual freedom to political ends, or who violate the norms of conduct established to protect that freedom. Against such offenders the University has the right, and indeed the obligation, to defend itself. We accordingly announce the following rules to be in effect at each of our colleges which are to be administered in accordance with the requirements of due process as provided in the Bylaws of the Board of Higher Education.

With respect to enforcement of these rules we note that the Bylaws of the Board of Higher Education provide that:

THE PRESIDENT. The president, with respect to his education unit, shall:

- a. have the affirmative responsibility of conserving and enhancing the educational standards of the College and schools under his/her jurisdiction;
- b. be the advisor and executive agent of the Board of his respective College Committee and as such shall have the immediate supervision with full discretionary power in carrying into effect the Bylaws, resolutions, and policies of the Board, the lawful resolutions of the several faculties;
- c. exercise general superintendence over the concerns, offices, employees, and students of his educational unit.

The College reserves the right to deny admission to any student if in its judgement, the presence of that student on campus poses an undue risk to the safety or security of the College or the College community. That judgement will be based on an individualized determination taking into account any information the College has about a student's criminal record and the particular circumstances of the College, including the presence of a child care center, a public school or public school students on the campus.

I. Rules

1. A member of the academic community shall not intentionally obstruct and/or forcibly prevent others from the exercise of their rights. Nor shall he interfere with the institution's educational processes or facilities, or the rights of those who wish to avail themselves of any of the institution's instructional, personal, administrative, recreational, and community services.
2. Individuals are liable for failure to comply with lawful directions issued by representatives of the University/College when they are acting in their official capacities. Members of the academic community are required to show their identification cards when requested to do so by an official of the College.
3. Unauthorized occupancy of University/College facilities or blocking access to or from such areas is prohibited. Permission from appropriate College authorities must be obtained for removal, relocation, and use of University/College equipment and/or supplies.
4. Theft from, or damage to University/College premises or property, or theft of or damage to property of any person on University/College premises is prohibited.

5. Each member of the academic community or an invited guest has the right to advocate his position without having to fear abuse, physical, verbal, or otherwise, from others supporting conflicting points of view. Members of the academic community and other persons on the College grounds shall not use language or take actions reasonably likely to provoke or encourage physical violence by demonstrators, those demonstrated against, or spectators.
6. Action may be taken against any and all persons who have no legitimate reason for their presence on any campus within the University/College, or whose presence on any such campus obstructs and/or forcibly prevents others from the exercise of the rights or interferes with the institution's educational processes or facilities, or the rights of those who wish to avail themselves of any of the institution's instructional, personal, administrative, recreational, and community services.
7. Disorderly or indecent conduct on University/College-owned or controlled property is prohibited.
8. No individual shall have in his possession a rifle, shotgun, or firearm or knowingly have in his possession any other dangerous instruments or material that can be used to inflict bodily harm on an individual or damage upon a building or the grounds of the University/College without the written authorization of such educational institution. Nor shall any individual have in his possession any other instrument or material which can be used and is intended to inflict bodily harm on any individual or damage upon a building or the grounds of the University/College.
9. It is a violation of acceptable standards of conduct at the college, and it is prohibited for any individual, group or organization to engage in the practice of hazing: Hazing is defined as any action or situation which recklessly or intentionally endangers mental or physical health or involves the forced consumption of liquor or drugs for the purpose of initiation into or affiliation with any organization.
10. The unlawful manufacture, distribution, dispensation, possession, or use of illegal drugs or other controlled substances by University students or employees on University/College premises, or as part of any University/College activities is prohibited. Employees of the University must also notify the College Personnel Director of any criminal drug statute conviction for a violation occurring in the workplace not later than five (5) days after such conviction.

11. The unlawful possession, use, or distribution of alcohol by students or employees on University/college premises or as part of any University/college activities is prohibited.

II. Penalties

1. Any student engaging in any manner in conduct prohibited under substantive Rules 1-11 including the LaGuardia ID Policy, shall be subject to the following range of sanctions as hereafter defined in the attached Appendix: admonition, warning, censure, disciplinary probation, restitution, suspension, expulsion, ejection, and/or arrest by the civil authorities.
2. Any tenured or non-tenured faculty member, or tenured or non-tenured member of the administrative or custodial staff engaging in any manner in conduct prohibited under substantive Rules 1-11 shall be subject to the following range of penalties: warning, censure, restitution, fine not exceeding those permitted by law or by the Bylaws of the Board of Higher Education, or suspension with/without pay pending a hearing before an appropriate college authority, dismissal after a hearing, ejection, and/or arrest by the civil authorities, and, for engaging in any manner in conduct prohibited under substantive Rule 10, may, in the alternative, be required to participate satisfactorily in an appropriately licensed drug treatment or rehabilitation program. In addition, in the case of a tenured faculty member, or tenured member of the administrative or custodial staff engaging in any manner in conduct prohibited under substantive Rules 1-11, he or she shall be entitled to be treated in accordance with applicable provisions of the Education Law or Civil Service Law, or the applicable collective bargaining agreement, or the Bylaws or written policies of The City University of New York.
3. Any visitor, licensee, or invitee, engaging in any manner in conduct prohibited under substantive Rules 1-11 shall be subject to ejection, and/or arrest by the civil authorities.
4. Any organization which authorized the conduct prohibited under substantive Rules 1-11 shall have its permission to operate on campus rescinded.

Penalties 1-4 shall be in addition to any other penalty provided by law or The City University Trustees.

I.D. Policy

All members of the College community are required to wear valid College IDs on campus. Individuals who do not have an ID can obtain one at the ID office in C101. Visitors will be issued temporary IDs at the security desk at each entrance to the College.

APPENDIX

SANCTIONS DEFINED:

A. Admonition

An oral statement to the offender that he has violated University rules.

B. Warning

Notice to the offender, orally or in writing, that continuation or repetition of the wrongful conduct, within a period of time stated in the warning, may cause far more severe disciplinary action.

C. Censure

Written reprimand for violation of specified rule, including the possibility of more severe disciplinary sanction in the event of conviction for the violation of any University regulation within a period stated in the letter of reprimand.

D. Disciplinary Probation

Exclusion from participation in privileges or extracurricular University activities as set forth in the notice of disciplinary probation for a specified period of time.

E. Restitution

Reimbursement for damage to or misappropriation of property. Reimbursement may take the form of appropriate service to repair or otherwise compensate for damages.

F. Suspension

Exclusion from classes and other privileges or activities as set forth in the notice of suspension for a definite period of time.

G. Expulsion

Termination of student status for an indefinite period. The conditions of readmission, if any is permitted, shall be stated in the order of expulsion.

H. Complaint to Civil Authorities

I. Ejection

A true copy of resolution adopted by the Board of Trustees of The City University of New York on June 23, 1969, as amended on October 27, 1980, May 22, 1989, and June 25, 1990.

HOURS OF OPERATION

Except during holidays when the College's buildings are closed, the College's Hours of Operation are:

Monday - Friday: 7 a.m. to 11 p.m.

Saturday - Sunday: 7 a.m. to 7 p.m.

Access to the College's facilities at other times is prohibited, unless permission for each occurrence is granted as follows.

1. *Events* - Approval to hold events such as concerts, dances, athletic events and meetings must be obtained through the Events Office. Scheduling of events requires completion of a form describing the event, location and authorized hours, and requires sign-off by offices that provide services for the event. If the hours extend beyond the College's normal hours of operation, the attendees will be required to leave the College's premises at the end of the event.

2. *Students* - Approval must be obtained from the Vice President of Student Affairs, or designee, and received by the Director of Security 24 hours beforehand.

3. *Faculty* - Approval must be obtained from the faculty member's Chairperson and Divisional Vice President and received by the Director of Security 24 hours beforehand.

4. *Staff* - Approval must be obtained from the employee's immediate supervisor and Divisional Vice President and received by the Director of Security 24 hours beforehand.

Sign In & Sign Out Policy

Whenever early arrival time or extended time is granted to an individual, the individual(s) entering or leaving a campus building will be required to enter their name (print and signature), the time of day, telephone extension and room number on the form provided at the Security Desk in the building's Main lobby. The information contained in the "Sign-in" sheet is especially important to provide Security personnel with the knowledge of how to contact each person in the event of an emergency situation occurring on campus.

GLOSSARY OF TERMS

A

@: A symbol on a student's transcript which indicates waiver of a requirement (without credit).

AA: Associate in Arts: the degree awarded in the following programs: Childhood Education, Communication Studies, Education Associate: The Bilingual Child, Human Services: Gerontology and Mental Health, and Liberal Arts: Social Sciences and Humanities, Secondary Education, Writing & Literature.

AAS: Associate in Applied Science: the degree awarded in the following programs: Foodservice Management, Commercial Photography, Computer Operations, Computer Technology, Paramedic, Music Recording Technology, New Media Technology, Nursing, Paralegal Studies, Occupational Therapy Assistant, Physical Therapist Assistant, Programming and Systems, Travel and Tourism & Hospitality Management, and Veterinary Technology.

Academic Advisor: Counselor or faculty advisor who helps students plan their course of study. Students may meet and talk with an adviser one-on-one about their academic program, degree requirements, and career/life goals.

Academic Year: Two enhanced semesters, each consisting of a twelve-week session and a six-week session. The academic year runs from September through August.

ACE: [Division of] Adult and Continuing Education.

ACT: See CUNY/ACT.

Advanced Standing: Credit given upon admission for previously acquired coursework, credentials, and life experience. See page 10.

Advisement Form: Required form which must be signed by a counselor or faculty advisor before registration. It lists the courses for which a student has been advised to register.

AMP: Alliance for Minority Participation. See page 13.

APTS: Aid for Part-Time Study, a financial aid program.

Articulation: An existing agreement between a four-year college and LaGuardia to accept certain courses for credit toward a BA or BS degree at that senior college, or an agreement between LaGuardia and a high school for automatic advanced placement credit.

AS: Associate in Science: the degree awarded in the following programs: Accounting, Biology, Business Administration, Computer Science, Criminal Justice, Dietetic Technician, Engineering Science, Environmental Science, Fine Arts, Liberal Arts: Mathematics and Science, and School Foodservice.

Associate Degree: See AA, AAS, AS.

B

ATB Exams: Computer-based ability to benefit examinations in reading, writing and math required by NY State for students whose high school diploma was earned outside the U.S. and who have applied for the Tuition Assistance Program.

Basic Skills: Pre-college-level courses in reading, writing and mathematics that students may be required to take, depending on their performance on the placement tests.

BEOG: Basic Educational Opportunity Grant. See: Pell Grant.

Bursar: The College cashier, where all fees and tuition are collected, and all student accounts are administered. The Bursar's Office accepts cash, checks, and money orders.

C

Career and Transfer Center: Renamed Office for Transfer Services. See page 197.

Center for Career & Professional Development: Available to all students and alumni. Offers full- and part-time job referrals, placement in temporary positions, and assistance in developing interview techniques and preparing a resume.

Certificate: Award granted by the College in recognition of completion of a prescribed course of study containing fewer than 60 credits. Awarded in the commercial photography, practical nursing, and New Media Technology/Digital Media Arts.

Child of Veteran Award: A financial aid program.

Cleared: A term used by the Bursar's Office to indicate that a student has paid or has made acceptable arrangements to pay money owed to the College.

CLEP: College Level Examination Program.

Clinical phase: That part of an Allied Health program which includes courses in the major and exposure to practice.

CLIP: CUNY English Language Immersion Program.

Club Hours: Wednesday and Friday afternoons. Classes are not usually scheduled during these times.

Cluster: Three or more courses offered during the same semester to a common group of students and linked by common themes or assignments. (Two courses linked in the same way are often called a "Pair.")

College Discovery Program: A comprehensive program of basic skills courses, counseling, tutoring, and financial aid for students who meet the eligibility requirements.

Continuing Education: Non-credit programs for adult students, offered at LaGuardia by the Division of Adult and Continuing Education (ACE).

COPE: College Opportunity to Prepare for Employment.

Corequisite: Course which must be taken during the same session as another course.

Counselor: College faculty trained to help students examine educational, career and personal concerns. Counselors conduct New Student Seminar, lead workshops, and are available to see students on an individual and group basis.

Course Code: Each code (listed in the Schedule of Classes) identifies the department offering the course, the name of the course, and the particular section (days and times) a course is scheduled to meet (e.g., ENC/G101.0771).

CR: A symbol on a student's transcript which indicates a course for which a student earned credit by examination or on the basis of an articulation agreement with the student's high school.

CUNY/ACT: A three-part test for new students that determines whether they will be placed in ESL or basic reading, writing, and mathematics classes or college level classes.

Curriculum: A set of courses constituting an area of specialization.

D

Day Program: Contains chiefly courses taught during the week and before 5pm.

Dean's List: A listing of students who have achieved academic excellence in a given semester. See page 209.

Degree: Award granted by the College in recognition of completion of a prescribed course of study of at least 60 credits, e.g., AA, AAS, AS.

Dependent Student: A student whose financial support comes in large part from some other person. See page 14.

E

Elective Requirements: See individual academic program listings, page 33-107. Liberal Arts electives include courses from the Departments of Education and Language Acquisition, English, Human Services, Humanities, Library, Natural and Applied Sciences, Mathematics, and Social Science, except those courses listed on page 199.

Enhanced Semester: A two-part semester divided into a 12-week session and a 6-week session. See inside front cover.

ePortfolio: Personal Web space in which students create their own websites where they can archive and showcase their work and create an online resume and transfer tool.

ESL: English as a Second Language.

Evening status: See Extended Day.

Express Course: Course offered in an intensive mode, usually during intersession.

Extended Day: Evening (after 5pm) and weekend courses. See page 202.

F

F: A symbol on a student's transcript which indicates that the student failed the course. Counted in the calculation of GPA.

F Grade Policy: Detailed explanation is in the Academic Policy section, page 208.

Faculty Advisor: An instructor in a student's major who can assist with academic and career planning.

FAFSA: Free Application for Federal Student Aid.

FDPLUS: Federal Direct Parent Loan for Undergraduate Students, a financial aid program.

Federal Direct Loans: A financial aid program.

Federal Pell Grant: A financial aid program.

Federal Perkins Loans: A financial aid program.

Federal Supplemental Educational Opportunity Grants (FSEOG): A financial aid program.

Federal Work-Study Program: A financial aid program.

FIN: An "INC" grade that has been changed to an "E"

FPL: Federal Perkins Loan, a financial aid program.

Freshman: First-year college student.

FSEOG: Federal Supplemental Educational Opportunity Grants, a financial aid program.

Full-Time Student: Generally, a student registered for at least 12 credits or credit equivalents per semester. Since each financial aid program has a different definition for full-time status, students should see a financial aid counselor for information about how to maintain eligibility for all forms of financial aid. Veterans should contact the Office of Veterans Affairs.

FWS: Federal Work-Study Program, a financial aid program.

G

GED: General Equivalency Diploma (equivalent to High School diploma)

GPA: Grade point average.

I

IEP: Individualized Educational Program, See page 7.

Immunization: The State of New York requires all students born on or after January 1, 1957, to present proof of immunity against measles, mumps, and rubella.

INC: A symbol on a student's transcript indicating an incomplete course.

Independent Student: Students who are financially self-supporting.

Independent Study: A course of study designed by a faculty member and a student tailored to a student's interests.

International High School: A NYC Department of Education high school on campus.

Internship: Credit-bearing work experience.

Internship Seminar: Class taken during internship cycle; in the seminar, students examine their work experiences in relation to educational and career objectives, academic concepts, and experiential education learning theories.

L

Learning Community: A group of students who enroll in a common set of courses ("pairs" or "clusters") which are thematically linked and who work together on projects and assignments.

Liberal Arts: Most of the courses offered by the Education and Language Acquisition, English, Humanities, Library, Mathematics, Natural and Applied Sciences, and Social Science Departments. See page 200 for a list of courses that do not count as Liberal Arts.

Liberal Arts Cluster: A learning community for students in their first college-level semester.

M

Meningitis: An infectious disease.

Middle College: A NYC Department of Education high school on campus.

Military Credit: Up to six unrestricted elective credits for veterans who have been honorably discharged from the United States military and are enrolled in degree programs.

N

National PONSI: National Program on Non-collegiate Sponsored Instruction. See page 10.

NC: A symbol on a student's transcript which indicates that no credit was earned for the course.

New Student Seminar: A required, counselor-led course which helps orient students to the College.

Non-degree Students: Students enrolled in individual courses but not working toward a degree.

Non-Cleared: Term used by the Bursar's Office to indicate that a student owes money to the College. The account must be settled before the student will be permitted to register for the next semester's classes.

Non-credit Programs: Non-credit courses offered through the Division of Adult and Continuing Education designed to meet the interest and needs of a variety of individuals and groups.

O

Option: A subset of a curriculum indicating the degree requirements for that particular degree. For example, Journalism is an option within the Liberal Arts curriculum.

P

P: A symbol on a student's transcript which indicates that the student passed the course. Used prior to Fall, 1975. Not calculated toward GPA.

Pair: Two courses offered during the same semester to a common group of students. See also: Cluster.

Part-Time Student: Generally, a student registered for less than 12 tuition units is considered part-time at LaGuardia. Since each financial aid program has a different definition for part-time status, students should see a financial aid counselor for information about how to maintain eligibility for all forms of financial aid. Veterans should speak with the Office of Veterans Affairs.

Pell Grant: A financial aid program (formerly BEOG).

Perkins Loan: A financial aid program.

Placement Tests: Tests required upon admission to determine assignment of students to appropriate classes.

PONSI: See National PONSI.

Pre-clinical phase: That part of an Allied Health program that contains the courses which a student must complete to apply for candidacy to the clinical phase of the program.

Prerequisite: A course that must be completed prior to taking another course.

Probation: A trial period of one semester which permits students to improve a low grade point average.

Program: Prescribed course of study leading to a degree or a certificate.

PTAP: Part-Time TAP Program, a financial aid program

R

R: A symbol on a student's transcript which indicates that the course must be repeated. This grade is only given in basic skills courses.

Readmission: Process through which a student who stopped attending the College while in good academic standing may be allowed to re-enroll in the College and register for classes.

Reallocant: Student applied to another CUNY college, but has decided to attend LaGuardia.

Reinstatement: Process through which a student who has been suspended by the College may be allowed to re-enroll in the College and register for classes.

Requirement: Course necessary for completion of a degree.

Retention: Policy specifying conditions for maintaining student status.

Robert F. Wagner Institute for the Arts and Technology: A NYC Department of Education high school near campus.

S

S: A symbol on a student's transcript which indicates that the student has satisfactorily passed the course. This grade is not counted in the calculation of GPA.

SAR: Student Aid Report which details aid received from federally funded programs.

SAT: Scholastic Aptitude Test, offered by the Educational Testing Service (ETS). See page 9.

Schedule Adjustment: A period of time after registration in which students may add and/or drop courses, called change of program.

SIR: Student Instructional Report, a questionnaire by which students evaluate their teachers.

Study Group: A group of students, often led by an advanced student, who work together to master difficult skills.

Supplemental Educational Opportunities Grant: A financial aid program. See FSEOG.

Suspension: The result of a student's failure to raise a low grade point average during probation. Students on suspension cannot register for classes in the College for one semester.

T

TAP: Tuition Assistance Program, a NY State financial aid program.

TASC: High School Equivalency Exam

TCR: A symbol on a student's transcript which indicates that credit was transferred to LaGuardia from a school the student previously attended.

Transcript: Report of grades received.

Transfer: Process of applying credits taken at one school toward placement and/or advanced standing at another school.

Transfer Student: Student applying to LaGuardia after having completed credits at another college. See pages 7-11.

U

U: A symbol on a student's transcript which indicates that the student has not satisfactorily passed the course. This grade is not counted in the calculation of GPA.

Urban Study Requirement: All students are required to take at least one of the special set of courses which utilize the facilities of New York City to focus learning in a given discipline.

V

Veterans Administration Educational Benefits: A form of financial aid.

W

W: A symbol on a student's transcript which indicates official withdrawal from a course prior to the official withdrawal date.

WA: A symbol on a student's transcript which indicates administrative withdrawal, e.g. student not cleared for immunization. For academic purposes, this symbol counts as a "W", an official withdrawal.

WU: A symbol on a student's transcript which indicates unofficial withdrawal from a course after the official withdrawal date. WU grades are counted as F grades in the calculation of students' grade point averages.

Y

Y: A symbol on a student's transcript which indicates that the student completed the first semester of a two-semester course. Used prior to Fall 1980 and not calculated toward GPA.

Z

Z: A symbol on a student's transcript which indicates that the instructor was delayed in submitting a grade. Students completing an internship normally receive the temporary grade of "Z." The "Z" grade will be changed to the student's correct grade by the session following the internship.

INDEX

A

Academic advisement 211
Academic credits 202
Academic dishonesty 202
Academic policies 201
Academic programs 23
Academic requirements 197
Academic review 202
Accounting curriculum 24
Accreditation, Middle States 4
ACT test 9
Actuary Science 71
Admissions, How to apply 7, 8
Adult and Continuing Education 220
Adult Basic Skills 220
Adult Learning Center 214
Advanced placement credit 10
Affirmative action policy 226
AMP (Alliance for Minority Participation) 12
Appeals/change of grade 208
Application for admission 8
APTS 22
Articulation agreements 100
Articulation policies 100
ASAP 11
ASL English Interpretation Program 220
Associate in Applied Sciences 23
Associate in Arts 23
Associate in Science 23

B

Barnard-LaGuardia Intercollegiate Partnership Program 13
Basic Skills Program 197
Biology curriculum 25
Bridges to the Future Program 12
Business Administration curriculum 26
Business and Technology Department Courses 101
Business Management curriculum 27

C

Calendar 236
Campus Life, Office of 216
Campus Map 235
Career & Professional Development, Center for 213
Career Development Center 220
Center for Contract Training 221
Center for Immigrant Education & Training 221
Center for Teaching and Learning 223
Certificate programs 23
Change of Major 204
Child of Deceased Police Officer/Firefighter Award 22
Child of Veteran Award 22

CLEP examination 10
Clubs and organizations 216
College & Career Pathways Institute 221
College and University Policies 226
College Discovery Program 12, 22
College Level Examination Program: see CLEP examination 10
College Prep 221
Commercial Photography Certificate curriculum 29
Commercial Photography curriculum 30
Communication Skills Department Courses 112
Computer Information Systems Department (former) see 172
Computer Network Administration & Security Certificate curriculum 37
Computer Operations curriculum 35
Computer Programs 34
Computer Science curriculum 36
Computer Technology curriculum 37
Cooperative Education 198
 also see Internships, 198
Cooperative Education Department 152
COPE Program 12
Core competencies 199
Counseling Department 112
Counseling Department Courses 112
Course descriptions 101-185
Course index 98-99
Credit load 202
Credits, Academic 202
Criminal background check 228
Criminal Justice curriculum 40
CUNY/ACT test 9
CUNY BA/BS Program 14
CUNY English Language Immersion Program 221
CUNY Fatherhood Academy 221
CUNY Start 221
CUNY Transfer Policies 100

D

D and C- grade policy 207
Day and extended day status 202
Deaf Adults Program 216
Dean's List 209
Declaration of Pluralism 227
Dependent students 14
Dietetic Technician curriculum 42

E

Early Alert Program 212
Early Childhood Learning Center 212
Education and Language Acquisition Department courses 113
Education curriculum 44
Emergency Medical Technician (EMT/Paramedic/Certified Clinical Medical Assistant Programs 221
Energy Tech High School 223
Engineering Science curricula 47-50

English Department Courses 129
English Language Center 221
Enhanced Semester Calendar Inside front cover
ePermit 204
ESL English as a Second Language 198
ePortfolio 198
Evening status: see Extended Day 194
Exemption credits 11
Exploring Transfer Program (Vassar College) 13
Express courses 190
Extended day 194

F

F grade policy 208
Family Educational Rights & Privacy Act 227
FAFSA 17
FDPLUS Parent Loan Program 18
Federal Financial Aid programs 17
Federal Pell Grants 17
Federal Perkins Loan 17
Federal Supplemental Educational Opportunity Grants (FSEOG) 17
Federal Work-Study Program (FWS) 17
Fees 16, 17
Financial Aid 17
Financial Services Resource Center 213
Fine Arts curriculum 52
First Year Institute Courses 11, 198
Foodservice Management curriculum 54
Foreign Student Services: see International Student Services 215

G

Gerontology: see Human Services 55
Glossary of terms 230
Goldman Sachs *10,000 Small Businesses* Program 222
Grade Appeals 208
Grade Point Average (GPA) 208
Grading 206
Graduation 209
 Pursuit of additional study after 210
Graduation rates 210
Green Jobs Training Program 222

H

Health Sciences Department courses 136
Health Services 213
HEGIS Codes 194
Henderson Rules 228
High schools 223
Honors Program 6, 13
Hours of operation 230
How to apply 8
Human Services 56
Human Services curriculum 56
Humanities Department courses 152

I

Immunization 8
Independent students 14
Independent study 203
International High School 223
International Student Services 5
Internships 202, 204
Internship Seminar 199

L

Laboratory facilities 214
LaGuardia Administration 195
LaGuardia and Wagner Archives 223
LaGuardia Performing Arts Center 219
Late registration 14, 16, 204
Learning Communities 11
Liberal Arts and Sciences Programs 58
Liberal Arts elective requirements 199
Liberal Arts: Social Sciences and Humanities curriculum 59
Liberal Arts: Mathematics and Science curriculum 70
Library Media Resources Center 214
Library Media Courses 171
Live@LaGuardia 217

M

Map of Campus 235
Mathematics, Engineering and Computer Science Department Courses 172
Medical Leave of Absence 204
Mental Health: see Human Services 56
Middle College High School 223
Middle States Accreditation 4
Montgomery G.I. Bill 19
Music Recording Technology curriculum 71
My LaGuardia 217

N

National PONS I 10
Natural Sciences Department Courses 181
New Media Technology
AAS degree curriculum 39
Digital Arts certificate 40
New Student Seminar 201
New Students Orientation 11
New York City Taxi Driver Institute 222
New York City Welcome Back Center 222
New York State Financial Aid programs 20
Nursing curriculum 73
NYDesigns 222

O

Occupational Therapy Assistant curriculum 75
Ombuds Office 216

P

Paralegal Studies curriculum 77
Part-Time TAP Program 21
Pell Grants 17
Perkins Loan 17
Persian Gulf Veterans Tuition Award 22
Phi Theta Kappa 217
Photography 29-31
Physical Therapist Assistant curriculum 82
Placement tests 9
PN to Nursing Pathway 84
Practical Nursing Certificate curriculum 84
Pre-College Admissions Program 222
Probation 209
Procurement Technical Assistance Center 222
Program for Deaf Adults 222
Programming and Systems curriculum 38
Public Safety 211

R

R grade policy 208
Readmission to the College 205
Recreation, Dept. of 218
Refunds 15
Registration 203
Reinstatement 205
Residency requirement 210
Retention policy 209
Robert F. Wagner, Jr. Institute for Arts and Technology 223

S

Sanctions 229
Second degree students 210
Semester structure Inside front cover
Sexual Harassment Policy 226
Small Business Development Center 222
Small Business Transportation Resource Center 222
Social Science Department Courses 185
Sports 218
Student Activities fees 15
Student Email (Live@LaGuardia) 217
Student Financial Services, Office of 17, 213
Student Government 216
Student Programs 211
Student Services 211
Students with Disabilities, Office of 215
Study Abroad Program 13
Supplemental Educational Opportunity Grants 17
Supplemental Instruction 13
Suspension 209

T

TAP (Tuition Assistance Program) 20
TAP refunds 15
Technology fee 16
Transfer credits 9-11

Transfer Services, Office for 215
Transcript fee 16
Travel, Tourism & Hospitality curriculum 92
Tuition 6
Per semester 14
Refunds 15
Waivers 15

U

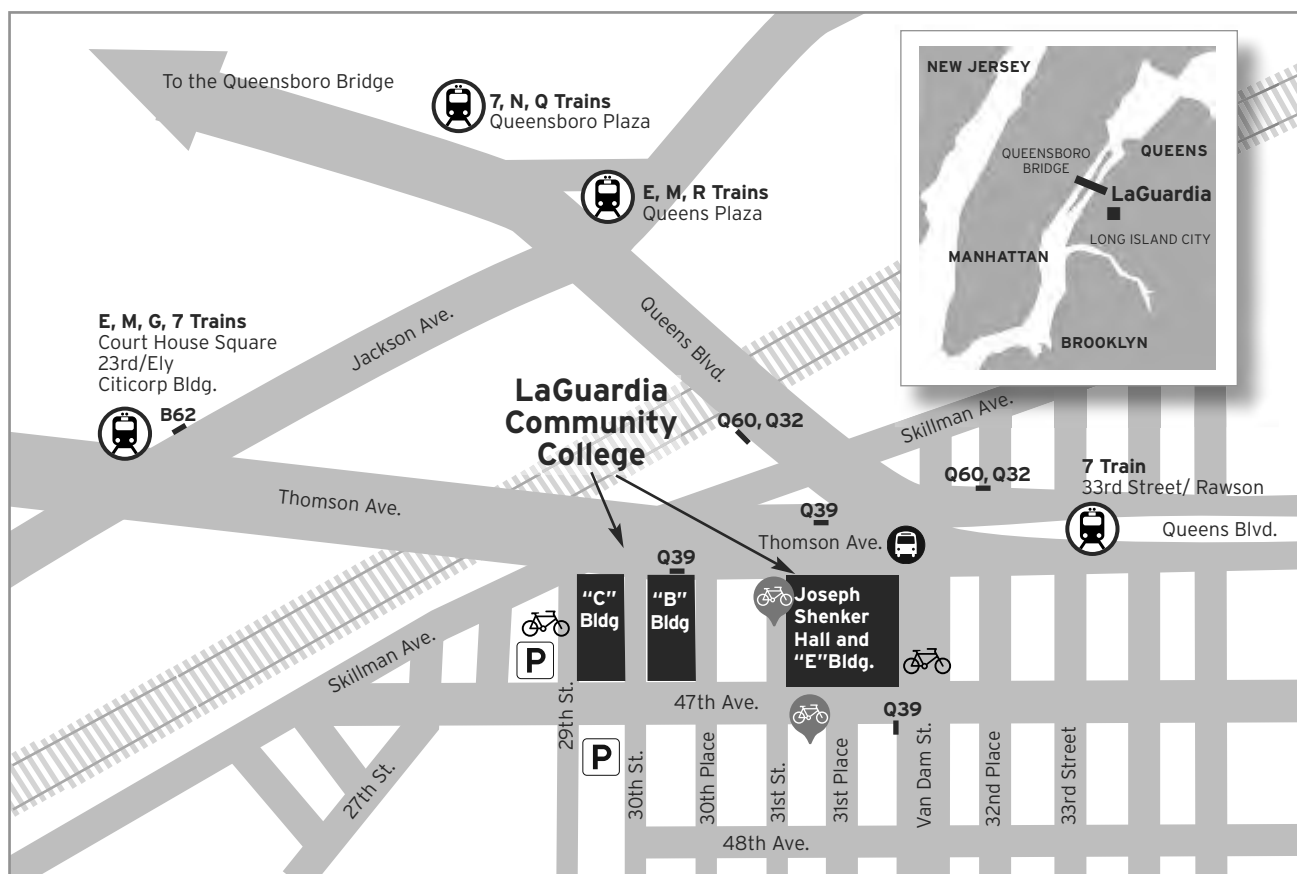
Urban Study requirement 201
University Summer and Winter Immersion Programs see First Year Institute 11
University testing policies and procedures 9

V

Vassar College Exploring Transfer Program 13
Veterans Administration educational benefits 19
Veteran Affairs, Office of 216-223
Veterans Benefits 19
Veteran's credit for military service 11, 22
Veterinary Technology curriculum 94
Vietnam Veterans Tuition Award 22

W

Welcome Back Center 222
Withdrawal from internship 204
Withdrawal from courses 16, 204
Word Processing courses 103
Workforce Education Center 223
World Trade Center Scholarship 22
Writing Intensive Courses 202
Writing and Literature curriculum 95



HOW TO GET HERE

The college campus is located on Thomson Avenue, between Van Dam Street and Skillman Avenue. See the above map to locate specific buildings.

By Car:

From *Queens and Brooklyn*, take the Long Island Expressway and exit at Van Dam Street. From *the Bronx*, take the Brooklyn-Queens Expressway and exit at Queens Boulevard west, and *from Manhattan*, take the 59th Street bridge to Queens Boulevard.



By Subway:

- 7 train** 33rd Street station, Court Square
- N, Q train** At Queensboro Plaza station, transfer to #7
- E, M trains** Court Square station or Queens Plaza station
- R train** Queens Plaza station
- G train** Court Square station



By Bus:

- Q60, Q32** Queens Boulevard and Skillman Avenue
- Q39** Thomson and Van Dam Street
- B62** Thomson and Jackson Avenue



Citibike stations: 31st Street and 47th Avenue



Bike Parking: Racks are available on Van Dam Street, in front of the E building, and near the parking lot on 29th Street by the C building.

LaGuardia Community College **Academic Calendar 2016-2017 - FALL**

2016 Fall Semester - Session I

AUG	26	Fri	Last Day to Apply for Readmission or Reinstatement from Suspension for Fall 2016 Session I
	31	Wed	New Student Orientation (By Invitation A - L)

SEPT	1	Thur	New Student Orientation (By Invitation M - Z)
	5	Mon	<i>No Classes - College Closed</i>
	6	Tue	Opening Session for Faculty & Staff
	7	Wed	Last Day to Drop for 100% Tuition Refund
	8	Thur	First Day of Weekday Classes - Fall Session I
	10	Sat	First Day of Saturday Classes - Fall Session I
	11	Sun	First Day of Sunday Classes - Fall Session I
	13	Tue	Last Day to Add a Course or Change Course Sections - Last Day to Drop for 75% Tuition Refund
	14	Wed	Financial Aid Certification Day / Last Day to Drop a Course without a "WD" Grade
	15	Thur	Course Withdrawal Drop "WD" Period Begins - A grade of "WD" will be assigned to students who Drop a Course
	19	Mon	Last Day to Drop for 50% Tuition Refund
	24	Sat	Last Day to Drop for 25% Tuition Refund / Course Withdrawal Drop "WD" Period ends
	25	Sun	Withdrawal Period Begins - A Grade of "W" will be Assigned to students who Officially Drop a Course

OCT	1-4	Sat -Tue	<i>No Classes Scheduled</i>
	7	Fri	Last Day to Apply for Fall 2015 Graduation
	10	Mon	<i>College Closed - No Classes</i>
	11-12	Tue-Wed	<i>No Classes Scheduled</i>
	19	Wed	Last Day to Apply for the following Candidacies: Nursing (not including LPN), Occupational Therapist Asst., Physical Therapist Asst., and Veterinary Technology
	28	Fri	Irregular Day - Classes Follow Monday Schedule

NOV	3	Thur	Irregular Day - Classes Follow Monday Schedule
	14	Mon	Last Day to Officially Withdraw from a Course
	24-27	Thur-Sun	<i>No Classes - College Closed</i>

DEC	9	Fri	Last Day of Saturday Classes - Fall Session I
	10	Sat	Last Day of Sunday Classes - Fall Session I
	11	Sun	Last Day of Weekday Classes - Fall Session I
	12	Mon	Reading Day
	13-19	Tue-Mon	Final Examinations
	21	Wed	Grades and Attendance Due by 4 pm
	24-26	Sat-Mon	<i>No Classes - College Closed</i>
	31	Sat	<i>No Classes - College Closed</i>

2016-17 Fall Semester - Session II

DEC	29	Thur	Last Day to Apply for Readmission or Reinstatement from Suspension for Fall 2015 Session II
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JAN	1-2	Sun-Mon	<i>No Classes - College Closed</i>
	3	Tue	Last Day to Drop for 100% Tuition Refund
	4	Wed	First Day of Weekday Classes - Fall Session I
	6	Fri	Last Day to add a Course or Change Course Sections/ Last Day to Drop a Course without a "WD" Grade
	7	Sat	First Day of Saturday Classes - Fall Session II Course Withdrawal Drop "WD" Period Begins. A Grade of "WD" will be assigned to students who Drop a Course
	8	Sun	First Day of Sunday Classes - Fall Session II Last Day to Drop for 50% Tuition Refund
	10	Tue	Verification of Attendance due to the Registrar
	12	Thur	Last Day to Drop for 25% Tuition Refund Last Day to Submit Independent Study Contract
	15	Sun	Course Withdrawal Drop "WD" Period ends
	16	Mon	<i>College Closed / Withdrawal Period Begins.</i> A Grade of "W" will be Assigned to students who Officially Drop a Course
	18	Wed	Irregular Day - Classes Follow Monday Schedule

FEB	2	Thur	Irregular Day - Classes Follow Monday Schedule
	7	Tue	Last Day to Officially Withdraw from a Course -
	11	Sat	Last Day of Saturday Classes - Fall Session II
	12	Sun	Last Day of Sunday Classes - Fall Session II
	13	Mon	<i>No Classes - College Closed</i>
	16	Thur	Last Day of Weekday Classes - Fall Session II
	17	Fri	Reading Day
	20	Mon	<i>College Closed</i>
	18-24	Sat-Fri	Final Examinations
	27	Mon	Grades and Attendance Due by 4 PM

Explanation of Terms

Withdrawal Drop - A "WD" grade is assigned to students who drop a course after Financial Aid Certification Day in Session I until the last day to drop a course for 25% Tuition Refund. A "WD" grade indicates that student attended a class at least once before dropping it. A "WD" grade does not appear on the transcript and is not calculated into GPA.

Withdraw - Students may withdraw from classes after the last day to drop for 25% tuition refund through the last day to Withdraw; receive a "W" grade that is not calculated into GPA. Students who officially withdraw from a course are NOT eligible for a tuition refund.

Evening Classes begin at 4:35 p.m. To learn if the College is closed due to severe weather register for CUNYAlert at <http://www.cuny.edu/alert>

LaGuardia Community College **Academic Calendar 2017 - SPRING**

2017 Spring Semester - Session I

FEB	28	Tue	Last Day to Apply for Readmission or Reinstatement from Suspension for Spring 2016 Session I
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MAR	1	Wed	New Student Orientation (By Invitation)
	2	Thur	Opening Sessions for Faculty & Staff
	4	Fri	Last Day to Drop for 100% Tuition Refund
	5	Sun	First Day of Sunday Classes - Spring Session I
	6	Mon	First Day of Weekday Classes - Spring Session I
	10	Fri	Last Day to Add a Course or Change Course Sections / Last Day to Drop for 75% Tuition Refund
	11	Sat	First Day of Saturday Classes - Spring Session I Financial Aid Certification Day / Last Day to Drop a Course without a "WD" Grade
	12	Sun	Course Withdrawal Drop "WD" Period Begins - A Grade of "WD" will be assigned to students who Drop a Course
	16	Thur	Last Day to Drop for 50% Tuition Refund
	18	Sat	Verification of Attendance due to the Registrar
	21	Tue	Last Day to Drop for 25% Tuition Refund/Course Withdrawal Drop "WD" Period ends/Last Day to Change Major for Spring semester/Last Day to Submit Independence Study Contract
	22	Wed	Withdrawal Period Begins - A Grade of "W" will be Assigned to students who Officially Drop a Course

APR	10-18	Mon-Tue	<i>Spring Recess - No Classes Scheduled</i>
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MAY	4	Thur	Last Day to Apply for the following Candidacies: Dietetic Tech., LPN, Nursing, Occupational Therapist Asst., Physical Therapist Asst., and Radiological Technology / Last Day to Apply for Spring 2017 Graduation
	15	Mon	Last Day to Officially Withdraw from a Course
	28-29	Sun-Mon	<i>No Classes - College Closed</i>
	31	Wed	Irregular Day - Classes Follow Monday Schedule

JUN	3	Sat	Last Day of Saturday Classes - Spring Session I
	4	Sun	Last Day of Sunday Classes - Spring Session I
	7	Wed	Last Day of Weekday Classes - Spring Session I
	8	Thur	<i>Commencement - No Classes Scheduled</i>
	9-15	Fri-Thur	Final Examinations
	16	Fri	Grades and Attendance Due by 4 pm

2017 Spring Semester - Session II

JUN	16	Fri	Last Day to Apply for Readmission or Reinstatement from Suspension for Spring 2017 Session II
	19	Mon	Last day for 100% Tuition Refund
	20	Tue	First Day of Weekday Classes - Spring Session II
	22	Thur	Last Day to add a Course or Change Course Sections/ Last Day to Drop a Course without a "WD" Grade
	23	Fri	Course Withdrawal Drop "WD" Period Begins. A Grade of "WD" will be assigned to students who Drop a Course
	24	Sat	First Day of Saturday Classes - Spring Session II/ Last Day to Drop for 25% Tuition Refund
	25	Sun	First Day of Sunday Classes - Spring Session II
	26	Mon	Verification of Attendance due to the Registrar
	28	Wed	Last Day to Drop for 25% Tuition Refund
	29	Thur	Last Day to Submit Independent Study Contact

JUL	1	Sat	Course Withdrawal Drop "WD" Period ends
	2	Sun	Withdrawal Period Begins. A Grade of "W" will be Assigned to students who Officially Drop a Course
	4	Tue	<i>No Classes - College Closed</i>
	25	Tue	Last Day to Officially Withdraw from a Course
	29	Sat	Last Day of Saturday Classes - Spring Session II
	30	Sun	Last Day of Sunday Classes - Spring Session II

AUG	1	Tues	Last Day of Weekday Classes - Spring Session II
	2	Wed	Reading Day
	3-9	Thur-Wed	Final Examinations
	10	Thur	Grades and Attendance Due by 4 pm

Explanation of Terms

Withdrawal Drop - A "WD" grade is assigned to students who drop a course after Financial Aid Certification Day in Session I until the last day to drop a course for 25% Tuition Refund. A "WD" grade indicates that student attended a class at least once before dropping it. A "WD" grade does not appear on the transcript and is not calculated into GPA.

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