

**DARE TO DO MORE**

2011-2012 College Catalog



Community College



**YEARS** LC

**CHALLENGING  
EXPECTATIONS**

# Table of Contents

<b>Dare to Do More</b> .....	<b>3</b>
Vision/Mission Statement/Accreditation .....	4
<b>LaGuardia at a Glance</b> .....	<b>5</b>
<b>Admission, Tuition and Financial Aid</b> .....	<b>7</b>
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
State Financial Aid Programs .....	17
State Programs .....	20
<b>Academic Programs</b> .....	<b>23</b>
Accounting .....	24
Biology .....	25
Business Administration .....	26
Business Management .....	27
Commercial Photography .....	29
Communication Studies .....	31
Computer Programs .....	33
Computer Science .....	34
Programming and Systems .....	34
Computer Operations .....	35
Computer Technology .....	36
New Media Technology .....	37
Criminal Justice .....	38
Dietetic Technician .....	40
Education Degrees .....	41
Childhood Education .....	42
Secondary Education .....	43
Education Associate: The Bilingual Child .....	44
Emergency Medical Technician/Paramedic .....	45
Engineering Science Degrees .....	46
Civil Engineering .....	46
Electrical Engineering .....	47
Mechanical Engineering .....	47
Environmental Science .....	48
Fine Arts .....	49
Foodservice Management .....	52
Human Services .....	53
Gerontology .....	53
Mental Health .....	54
Industrial Design .....	55
Liberal Arts and Sciences .....	56
Liberal Arts: Social Sciences and Humanities .....	58
Liberal Arts: Mathematics and Science .....	66
Music Recording Technology .....	67

Nursing .....	68
Occupational Therapy Assistant .....	70
Paralegal Studies .....	71
Philosophy .....	73
Physical Therapist Assistant .....	75
Practical Nursing Certificate .....	76
Radiologic Technology .....	78
School Foodservice Management .....	79
Spanish-English Translation .....	80
Theatre Program .....	82
Travel, Tourism and Hospitality Management .....	83
Veterinary Technology .....	85
Writing and Literature .....	86

## Certificate Programs

Commercial Photography .....	29
New Media Technology Media Arts Certificate .....	35
Practical Nursing Certificate .....	76
Word Processing Specialist .....	86

## Course Index

Transfer and Articulation Policies .....	90
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## Course Descriptions and Academic Department

<b>Information</b> .....	<b>91</b>
Accounting/Managerial Studies Department .....	91
Business and Technology Department .....	91
Communication Skills Department .....	100
Computer Information Systems Department (former) .....	101
Cooperative Education Department .....	102
Counseling Department .....	104
Education and Language Acquisition Department .....	105
English Department .....	114
Health Sciences .....	120
Humanities Department .....	133
Liberal Arts .....	149
Library Media Resources Center .....	149
Mathematics, Engineering & Computer Science Dept. ....	150
Natural Sciences Department .....	156
Social Science Department .....	159
HEGIS Codes .....	167

## Administration

For Faculty/Staff listing, see [www.laguardia.edu](http://www.laguardia.edu)

## Academic Requirements and Policies

Basic Skills Program .....	169
Evaluation and Placement .....	169
Cooperative Education .....	170
English as a Second Language .....	170

*continued on next page...*

*Table of Contents, continued*

ePortfolio . . . . .	170
Liberal Arts Elective Requirements . . . . .	171
New Student Seminar . . . . .	172
Urban Study Requirement . . . . .	172
Academic Policies . . . . .	173
Academic Credits . . . . .	174
Registration . . . . .	175
Drop/Withdrawal and Leave . . . . .	175
E Permits . . . . .	176
Grading . . . . .	178
Graduation . . . . .	181
<b>The Internship Program/Cooperative Education . . . . .</b>	<b>182</b>
<b>Student Programs and Services . . . . .</b>	<b>184</b>
Academic Advising and Counseling . . . . .	184
Student Services . . . . .	185
Office of Student Life . . . . .	190
Department of Recreation . . . . .	191
LaGuardia Performing Arts Center . . . . .	192
Public Safety . . . . .	192
<b>Campus and Community Programs . . . . .</b>	<b>193</b>
Adult and Continuing Education . . . . .	193
Division of Academic Affairs . . . . .	196
High Schools . . . . .	196
<b>Appendices and Index . . . . .</b>	<b>198</b>
College and University Policies . . . . .	198
Appendix . . . . .	201
Hours of Operation . . . . .	202
Glossary of Terms . . . . .	202
Index . . . . .	205
Map . . . . .	208
<b>Academic Calendar . . . . .</b>	<b>Inside Back Cover</b>

# Dare to Do More

**A**t 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.

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## **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

**C**onveniently located in Queens, New York City's most rapidly growing and ethnically diverse borough, LaGuardia Community College is also just minutes away from Manhattan and Brooklyn by subway and bus.

The college is one of thirteen national Institutions of Excellence designated by the Policy Center on The First Year of College in 2002. Only one other community college in the country received this distinction.

LaGuardia is also one of the top three large community colleges in the country, according to a 2003 national survey.

## **LAGUARDIA AND SENIOR (4-YEAR) COLLEGES**

- ▶ LaGuardia graduates transfer to private and public senior colleges at twice the national average.
- ▶ By attending LaGuardia for the first two years of their Bachelor's Degree, students can save up to \$30,000 in senior college tuition.
- ▶ Recent graduates have transferred to some of the country's most elite institutions, including Yale, Columbia, Cornell, Barnard, Vassar, Georgetown and Mt. Holyoke.
- ▶ Our Transfer Services Center is available to help students research and decide on their best career and education paths after LaGuardia.
- ▶ Many of our degree programs are designed for immediate job placement after graduation.

## **LAGUARDIA OFFERS:**

- ▶ 56 Degree Programs and 4 Certificate Programs
- ▶ An enhanced semester structure that allows students to accelerate to their Associate Degree, saving time and money
- ▶ A nationally renowned Internship Program
- ▶ Highly distinguished faculty
- ▶ An Honors Program
- ▶ Evening and weekend classes
- ▶ Free tutoring labs
- ▶ Small class size
- ▶ Academic, career and personal counseling
- ▶ Our "one-stop" Enrollment Services Center
- ▶ Faculty, staff and student mentors
- ▶ Strong support to help ensure student success
- ▶ Exchange and transfer programs with Columbia University, Barnard and Vassar Colleges
- ▶ Study abroad opportunities in over 30 countries
- ▶ A Transfer Services Center
- ▶ A Performing Arts Center
- ▶ A 6-lane NCAA regulation size swimming pool, Fitness Center, and intramural team sports
- ▶ On-campus childcare facilities

## ADMISSION

Applicants who have a high school diploma, General Equivalency Diploma (GED), 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, money order, cash (do not mail), Mastercard, American Express and Discover.

We encourage prospective students to meet with our Student Financial Services staff in C-109 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 the first community college in the United States to develop a student internship program. Internships provide students with opportunities to learn through practical experiences in the workplace.

Specifically, they allow 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.

## LEADERSHIP & DIVERSITY 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.

# 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](http://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  
(closed Fridays and weekends)

**Location:** Shenker Hall, Room M-147  
31-10 Thomson Avenue  
Long Island City, New York 11101  
Phone: 718-482-5000  
Email: [Admissions@lagcc.cuny.edu](mailto: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). 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 score of 225 or 2250 on the GED examinations. Application fee is \$65.

*Requirements to Apply\* (Submit one of the following;)*

- ▶ Original high school diploma and sealed high school transcript
- ▶ Original GED 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. 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 application. Obtain information about immigration status, residency status and restrictions on registering for certain courses: [www.laguardia/admissions/applynondegree/](http://www.laguardia/admissions/applynondegree/)

This option is available up to two weeks before the first day of classes.

- ▶ 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 in the Admissions Office.

- \* Effective Fall 2009, 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/apply](http://www.laguardia.edu/apply) now  
To guide you through the application process and to view additional information you can go to [www.cuny.edu](http://www.cuny.edu) and click on Apply to CUNY
2. Visit and apply in-person during Direct Admission. Please refer to [www.311learn.com](http://www.311learn.com) or call 718-482-7206.

There are two ways to file an application as a **visiting/non-degree student:**

1. 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/admissions/applynondegree/](http://www.laguardia/admissions/applynondegree/).

This option is available up to two weeks before the first day of classes.

2. Visit LaGuardia and apply in-person.

Applications and information about immigration status, residency status and restrictions on registering for certain courses is available in the Admissions Office.

Along with declaring your college major you need to indicate if you will be taking classes in Day or Extended Day (Evening/Weekend) status. Most majors offer both options.

Day students may enroll in evening and weekend classes and Extended Day students may enroll in daytime classes. *Day students must complete the College's internship requirement. For most Extended Day students, internships are optional.* Internships

benefit our students by helping them gain real life work experience in the industry of their choice for college credit. Once you are registered, you cannot change your Day/Extended Day status. Every student, regardless of status, benefits from the same basic College services.

### **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://www1.cuny.edu/admissions/index/policy\\_application.pdf](http://www1.cuny.edu/admissions/index/policy_application.pdf)

### **Students Who May Pose a Risk to the College**

LaGuardia 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 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, MB-40, 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 four ways:

1. Have earned a bachelor's degree from an accredited institution.
2. National tests: students who score above 480 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 Basic Skills Test 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 four ways:

1. Have earned a valid bachelor's degree from an accredited institution.
2. National tests: students who score above 480 on the SAT or 20 or above on the Mathematics portion of the ACT demonstrate competence.
3. Effective fall 2011 and spring 2012 only, applicants for freshman admission can demonstrate proficiency by scoring 75 or higher on any one of the three new Regents examinations (Integrated Algebra, Geometry or Algebra 2 & Trigonometry) *and* successfully completing 3 units of mathematics, with the highest level being equivalent to no less than Algebra 2 & Trigonometry.

Fall 2011 and spring 2012 transfer students can demonstrate proficiency by earning a 75 or higher on either the Math A or Math B Regents examination.

4. Take the untimed CUNY Assessment Math Test and score 30 or better after Oct. 1, 2007, on the first two parts, or 35 in part one and 40 in part two after March 1, 2011.

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 three tests or demonstrate competence in all three 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](http://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, M-147, 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  
SCC201/SCC202 – General Chemistry I & II  
SCC251/SCC252 – Organic Chemistry I & II  
SCP201/SCP202 – Fundamentals of Physics I & II  
SCP231/SCP232 – General Physics I & II

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 des-lect a course(s) it can't be undone.* Requests can be filed with the Transfer Credit Office located in the Admissions Office room M-147.

*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 M-147 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 3 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, M-147, 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.nationalponsi.org/ccr/>

## 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 the Enrollment Services Center, C-107, 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

#### Orientation for New Students

All incoming students are expected to be part of the New Student Orientation, or Opening Sessions. During this day-long event, stu-

dents are engaged in presentations, a variety of workshops, and a tour of the College. Each Opening Sessions has a theme with common readings from articles and a required book used in the first semester. Students will have a chance to meet with faculty and fellow students through group discussions.

#### First-Year Institute (see Express Courses, page 187)

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 Office of Academic Support Services and Special Programs. For further information call (718) 482-5408 or stop by room C-740.

### DURING COLLEGE

#### 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.

For further information contact the Office of Academic Support Services and Special Programs: (718) 482-5408, in room C-239.

#### 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 Program

Room B-236 (718) 482-5254

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.

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**

The College Opportunity to Prepare for Employment (CUNY-COPE) is a collaboration between The City University of New York (CUNY) and the City of New York Human Resource Administration (HRA) that provides career/education and support services to CUNY students receiving public assistance.

The goals of CUNY-COPE are to see that public assistance recipients graduate from CUNY schools more quickly, that their retention is improved and that, ultimately, they find employment.

The COPE Program 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.

COPE services include: academic and personal counseling; assistance with registration, career planning and course scheduling; assistance with accessing appropriate child care and transportation needs, preparing for HRA appointments and meeting workfare requirements; tutoring; job preparation and job placement; information mailings and seminars.

HRA provides training related expenses (TREs) to COPE Program participants to assist with transportation and child care expenses. In order to remain eligible for TREs, participants must be full-time students, and make satisfactory progress towards their degree.

COPE Program job placement services include: assistance with resume preparation; full- or part-time job openings in a wide variety of fields (focused and related to career path); interview and career preparation; meeting employers, seminars, workshops, job fairs; individual and group counseling.

A new component of the program is a provision for job assistance and placement services to students who are not on public assistance, but have dependent children, and attend LaGuardia or other CUNY degree programs. For more information, students may visit the COPE office, MB-13, or call (718) 482-5479.

### **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 M-412 or call (718) 482-5648.

### **Honors Program**

M-222 (718) 482-5658 [www.lagcc.cuny.edu/honors](http://www.lagcc.cuny.edu/honors)  
email: [honorsprog@lagcc.cuny.edu](mailto:honorsprog@lagcc.cuny.edu); [kkoh@lagcc.cuny.edu](mailto: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.

### **Phi Theta Kappa International Honor Society**

Honors House, M222 (718) 482-5225/5220  
www.ptk.org email: ptk@lagcc.cuny.edu

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 have 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. There is a one-time membership fee of \$55.

### **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 Barnard-LaGuardia Intercollegiate Partnership Program* is a component of the Hughes Science Pipeline Project at Barnard College aimed at identifying students to study science at Barnard or other senior colleges. Qualified LaGuardia students take part in a five-week coeducational residential program at Barnard. Students take two science courses, which are team-taught by Barnard and LaGuardia faculty. Students who successfully complete the summer program are invited to take one science course at Barnard during the academic year.

*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 campus coordinator at (718) 482-5185.

## 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 \$3,092 in annual tuition and fees. In addition, the following costs are estimated for the 2008-09 academic year: books and supplies \$1,016, transportation \$850, personal and lunch items \$1,686, and room and board \$2,520.

#### **Independent students**

Independent students and dependent students living away from home for 12 months during the 2008-09 academic year can expect the following expenses in addition to \$3,092 tuition and fees: books and supplies \$1,016, transportation \$850, personal and lunch items \$3,676 and room and board \$10,201.

## 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. However, all students seeking refunds must complete a refund application before the refund process can begin. Tuition refund applications are available at the Bursar window located in room MB55.

### TUITION PER SEMESTER

Students must pay their tuition and fees or clear their accounts on the day they register. 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 M-147. Students who choose to

file the form after enrolling can obtain and submit the affidavit to the Registrar in the Enrollment Services Center located in 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)	\$1,800.00/semester
Part-time matriculated students (fewer than 12 units)	\$150.00/unit
Non-degree students	\$205.00/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	\$240.00/unit
Non-degree students	\$320.00/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 REFUNDS**

Tuition refunds are computed according to the date that the student drops a course or courses. Refund applications are available in the Bursar’s office, MB55. In cases of medical leaves of absence, the refund is computed according to the last day of attendance. 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.

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**

100%	On or before the first day of classes.
75%	Within six calendar days after the scheduled opening date.
50%	Between the 7th & 12th calendar days after the scheduled opening date.
25%	Between the 13th and 17th calendar days after the scheduled opening date.
None	Beyond the 17th calendar day after the scheduled opening date.

**Fall and Spring 6-week Session**

100%	On or before the first day of classes.
50%	Within six calendar days after the scheduled opening date.
25%	Between the 7th and 12th calendar days after the scheduled opening date.
None	Beyond the 12th calendar day after the scheduled opening date.

*Note: If the 6th, 8th, 12th or 17th day falls on a weekend, the refund period is extended to the next business day.*

**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. Refund applications are available at the Bursar’s window, MB55.

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.

**TAP refunds**

Students who have paid their full tuition prior to receiving award notification in the mail 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.

TAP refunds will be issued within 45 days after the College receives a certified TAP roster from the State of New York. The college will mail your refund check to the address on file. Please make sure your records are up-to-date.

**Other refunds**

The regulations concerning TAP also apply to all other refunds to which a student may be entitled. As a general rule, however, the



College will process non-TAP and non-tuition refunds within six weeks of the submission of the request at the Bursar's window.

### **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 before the 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. The regulation stipulates that the amount to be returned is to be shared by the College and the student in proportion to the aid that each possess. The College's share of the excess funds is the total amount of unearned aid, or the institutional charges multiplied by the percentage of aid that was unearned, whichever is less.

The College's share is allocated to the Title IV programs as determined by statute. The student's share is the difference between the total unearned amount and the College's share. This is also allocated to the Title IV programs as determined by statute. The law provides that any amount that the student returns to a grant program be reduced by half. The amount to be returned is also considered an overpayment and must be returned within 30 days to the Department of Education. If the student does not repay the overpayment in full or make a satisfactory payment arrangement within 45 days from the date of notification, the student will become ineligible for future Title IV funds.

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: \$55  
Consolidated Services Fee: \$15  
University Senate Fee: 85¢  
Technology Fee: \$100

#### **Part-time students (less than 12 equated credits)**

Student Activity Fee: \$20  
Consolidated Services Fee: \$15  
University Senate Fee: 85¢  
Technology Fee: \$50

### **Senior citizens (60 or older)**

Consolidated Fee: \$80

### **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: \$10  
Reinstatement: \$10  
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
4. Adding a 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 the Enrollment Services Center (C-107) and is staffed by professional counselors 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](http://www.fafsa.ed.gov). If there is a question about eligibility for one of these programs, the student or prospective student should see a financial aid counselor.

Student Financial Services encourages all students to use our web-site services, and visit the Resource Center C-109 for professional staff assistance to complete the financial aid applications online, check their financial aid status, enroll in the CUNY Scholar Support prepaid debit card and/or receive important information related to their financial aid. Students can visit the CUNY portal website at <https://portal.cuny.edu/portal/site/cuny> to check their financial aid award. Students can also go to our website [www.lagcc.cuny.edu/sfs](http://www.lagcc.cuny.edu/sfs) or send an email inquiry to [FinancialAid@lagcc.cuny.edu](mailto:FinancialAid@lagcc.cuny.edu) or contact us by telephone: (718) 482-LAGC (5242)

## Federal Financial Aid Programs

### Federal Pell Grants

*Application Procedures:* The completed FAFSA application takes at least six weeks to process. A processed Student Aid Report (SAR) will be sent to the applicant. The amount of the applicant's award is determined from the SAR by Student Financial Services. Upon enrollment, funds are paid directly to the applicant or applied to the student's tuition bill. All forms can be obtained online at our website at [www.lagcc.cuny.edu/sfs](http://www.lagcc.cuny.edu/sfs).

*Selection of Recipients and Allocation of Awards:* The Federal Pell Grant is an entitlement program. Eligibility and award amounts are based on need rather than academic achievement. The applicants must demonstrate need and must attend their 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.

*Award Schedule:* 2011-12 awards range from \$277.50 to \$2,775.00 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 student loan.

The schedule of award payments is available at [www.lagcc.edu/sfs](http://www.lagcc.edu/sfs), and also in the Enrollment Services Center (C-107).

Students must attempt 24 credits during the academic year in order to earn the full Federal Pell award. Therefore, enrollment status for Federal Pell will be 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). Please see Registration Handbook for more information.

### 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:* The awards can range from \$200 to \$400 in 2011-12.

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

### Federal Perkins Loan (FPL)

*Selection of Recipients and Allocation of Awards:* Loans are available to students enrolled at least half-time in a degree program. Online pre-loan entrance and exit counseling is required. Log on to [www.lagcc.cuny.edu/sfs](http://www.lagcc.cuny.edu/sfs).

*Award Schedule:* Awards can range up to \$3,000 for each year of undergraduate study. The total debt cannot exceed \$20,000 as an undergraduate.

*Rights and Responsibilities of Recipients:* Continued eligibility is dependent on maintenance of satisfactory academic progress. The current interest rate of 5% is payable during the repayment process and begins nine months after graduation or leaving school and may extend over a period of 10 years. Payment is not required for up to three years of active U.S. military service or service in the Peace Corps, VISTA, or similar national program.

### Federal Work-Study Program (FWS)

*Selection for Recipients and Allocation of Awards:* The applicant must be enrolled at least half-time.

Employment is available to all eligible students in the institution who are in need of financial aid. 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 and who must earn a part of their educational expenses.

*Award Schedule:* Student Financial Services assists students in finding jobs on campus or off campus, with public or private non-profit 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 in 2011-2012 range from \$8 to \$10 per hour, 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 Direct Loan Program**

*Application Procedures:* Application is made through the Office of Student Financial Services by completing a Loan Origination Request Form. The applicant is required to first file and receive a response from a FAFSA. An online entrance counseling for borrower's quiz and the completion of a Direct Loan application are required. Log on to [www.ed.gov/directloan/students.html](http://www.ed.gov/directloan/students.html) to complete the online entrance counseling.

When the loan is approved, the student is required to e-sign the Master Promissory Note (MPN) with his/her Federal PIN. Students can request a PIN at [www.pin.ed.gov](http://www.pin.ed.gov).

*Selection of Recipients and Allocation of Awards:* To be eligible for a Federal Direct Loan, a student must be: 1) a U.S. citizen or permanent resident alien; and 2) enrolled in or admitted as a matriculated (at least half-time) student.

*Loan Schedule:* The loan amounts vary and are based on class year: for example (loans disbursed after July 1, 2007), \$3,500 during the student's freshman year, \$4,500 during the sophomore year, etc. All students are eligible to receive interest benefits on their loans unless they choose to waive them. Some students are eligible for a full interest subsidy on a subsidized 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. An "origination fee" of 2.5% of the loan amount is subtracted. However, a 1.5% rebate is added back. This rebate is given on condition that the student makes 12 consecutive, on-time payments.

*Rights and Responsibilities for Recipients:* Students may borrow at a relatively low interest rate (currently 6.8%) with no repayment as long as they remain enrolled at least half-time, and for six months after they cease to be at least a half-time student. Payment of principal may further be deferred during study under a graduate fellowship program approved by the U.S. Commissioner of Education, during up to three years as a full-time Peace Corps or VISTA or similar national program volunteer.

Six months after ceasing to be at least a half-time student, the borrower must make formal arrangements with the loan servicer to begin repayment. 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.
- 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.

### **Federal Direct Parent Loan for Undergraduate Students (FDPLUS)**

FDPLUS enables either natural or adoptive parents of dependent undergraduate students to borrow per child up to the cost of education, for each academic year at federally approved schools. The amount borrowed in any year cannot be greater than the cost of going to school during that year, minus all other financial aid received for the period of the loan. Costs that may be covered include: tuition and fees, room and board, books, transportation, and an allowance for personal expenses. FDPLUS loans for which the first disbursement was made on or after July 1, 1993, have no aggregate loan limit. Interest rates are variable and change every July 1st.

Repayment of the loan must begin within 60 days after the date funds are distributed. Borrowers have 10 years to repay. The loan servicer may charge an insurance premium of up to 4% on the loan principal. This premium is deducted from each loan disbursement. Application is made through the Office of Student Financial Services by completing a Loan Origination Request Form. Parents will be eligible for the same authorized deferments described in the Federal Direct Loan Program. The PLUS loan application may be obtained online at our website [www.lagcc.cuny.edu/sfs](http://www.lagcc.cuny.edu/sfs).

### **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.

They may file a Financial Aid Waiver Appeal through the Academic Standing 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 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.

*Probation:* Students who do not meet the College’s minimum grade point average (GPA) will be placed on academic probation. They will be given one semester to achieve the minimum grade point average that was required before they were placed on probation. During this probationary period students who make satisfactory academic progress will continue to maintain their academic standing with the College and their concurrent eligibility for financial aid.

*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 INS must also 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*

## VETERANS BENEFITS

The Office of Veterans Affairs, C-107, 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 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. A veteran is entitled to 12 months of tutorial benefits to a maximum of \$100.00 per month.

*Veterans Work Study:* Veterans must be receiving full-time benefits to be eligible to work up to 750 hours per year. The hourly rate is \$7.15. Placements are in areas that directly affect the student veteran population.

*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:

You can now submit your monthly verification forms by touch-tone telephone at (877) 823-2378 (toll free) OR connect to Internet site [www.gibill.va.gov](http://www.gibill.va.gov) and follow the link to the Web Automated Verification of Enrollment (WAVE) program. If your enrollment has changed during the month, you must verify your enrollment through the WAVE program.

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 the counselor will change your record to stop the mailing of paper verifications. You do, however, have to verify your enrollment each month in order to receive payment.

### Veterans Administration Educational Benefits

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

*Application Procedure:* Application forms are available at all VA offices, the Office of Veterans Affairs on campus, room C-107, 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 \$100.00 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).

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 106 for pursuit of a program of education are:

- \$317 per month for full-time pursuit
- \$237.30 per month for three-quarter time pursuit
- \$157 per month for half-time pursuit

*Entitlement/Monthly Rates:* Active duty for 3 years or 2 years active duty plus 4 years in the Selected Reserve or National Guard entitles an individual to \$1101.00 a month basic benefits for 36 months or the equivalent in part-time training. If an individual's initial obligated period of active duty is less than 3 years, which is not followed by service in the Selected Reserve, the basic educational assistance benefit is \$753 monthly for 36 months (or the equivalent in part-time training). There is also a targeted, discretionary kicker of up to an additional \$600 available to persons whose skills are critical to the military (e.g., Army College Fund and Navy Sea College Fund 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 <http://vabenefits.vba.gov/vonapp>.

*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.

### **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.

## **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 mails an award certificate directly to the applicant indicating the amount of the grant.

*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 (ATB)
5. Be matriculated in an approved program of study and be in good academic standing; have at least a cumulative "C" average after receipt of two annual payments
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 (independent status under the state definition does not necessarily ensure independent status for federal aid programs):

1. Thirty-five years or older on June 30, 2012; or
2. Twenty-two years or older on June 30, 2012 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 2009, 2010, 2011 or 2012.
  - b) claimed as a dependent by parents on their federal or state income tax returns for 2010 and 2011.
3. Under 22 years of age on June 30, 2012, 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) Unable to ascertain parents' whereabouts
- e) Unable, due to an adverse family situation, to submit parents' income
- f) Married on or before December 31, 2011

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.

*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.

### **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 2.00; and
- ▶ Is enrolled for at least 6 but less than 12 semester hours, or the equivalent, 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.

### **College Discovery (CD)**

*Application Procedures:* Application is made by completing the appropriate section of the admission form available from the Admissions Office, M-147, 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 need as determined by the CUNY Office of Student Financial Assistance and/or the individual college CD programs, within State guidelines.

### **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 [www.hesc.org](http://www.hesc.org).

### **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 academic progress and pursuant to rules and regulations established by the State Education Department.

In order to maintain eligibility for state aid, there are three major requirements that you must meet. They are outlined below.

1. Students must be registered as full-time students.
2. Students must be registered for courses required for their major.
3. Students must be making satisfactory academic progress and program pursuit. In each semester that they wish to receive an award, they must meet the following standards in the semester prior to the current payment:
  - a) Successfully pass a specified number of credits (see chart below), and
  - b) Achieve a grade point average at a specified minimum level (see chart on next page).

This chart applies to students first receiving state aid in 2007-2008 through and including 2009-2010 and remedial students first receiving aid in 2007-08 and thereafter.

BEFORE BEING CERTIFIED FOR THIS PAYMENT	A STUDENT MUST HAVE ACCRUED AT LEAST THIS MANY CREDITS	WITH AT LEAST THIS GRADE POINT AVERAGE
1st	0	0
2nd	3	0.5
3rd	9	0.75
4th	18	1.3
5th	30	2.0
6th	45	2.0

4. Students must have completed courses in the prior semester at the rate shown below:

BEFORE BEING CERTIFIED FOR THIS PAYMENT	A STUDENT MUST HAVE ACCRUED AT LEAST THIS MANY CREDITS	WITH AT LEAST THIS GRADE POINT AVERAGE
1st	0	0
2nd	6	1.3
3rd	15	1.5
4th	27	1.8
5th	39	2.0
6th	51	2.0

“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.

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. For a full explanation of these regulations, students should contact the Office of Student Financial Services.

Every semester, all students’ records are reviewed in the Office of Student Financial Services to see if they are meeting all of the academic TAP regulations. If they have met all of the conditions outlined above, they will be eligible to receive the next payment. 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.

### **Peter Vallone Scholarship**

*Selection of recipients and allocation of awards:*

New York City high school students who graduated with at least a “B” average and enroll in the City University of New York system within a year of their high school graduation are eligible for consideration for a Peter Vallone Scholarship. Students must file a FAFSA, enroll full-time and maintain a “B” average for continued eligibility in the program. Students enrolled at LaGuardia Community College must be registered in an Associate’s degree program and are limited to six semesters of eligibility. Students must also have accumulated 39 credits by the end of their fourth semester in order to receive the award for the remaining two semesters.

*Award schedule:* Each year the amount of the award is dependent on the program appropriation in the annual city budget. Awards vary. The 2007-08 academic year awards are \$625 to \$1090.

### **LaGuardia Foundation Scholarships**

Academic scholarships can supplement the funding or be an alternate source of subsidizing the cost of your education. The LaGuardia Community College/CUNY Foundation has a number of scholarships available to students currently enrolled at LaGuardia Community College who have attained a high degree of academic excellence. Applicants will be asked to write a brief personal statement describing their background education, and career goals. LaGuardia Foundation Scholarship awards range from \$500 to \$3500 per year. For eligibility requirements and deadlines go to [www.lagcc.cuny.edu/sfs](http://www.lagcc.cuny.edu/sfs).

### **National Science Foundation Computer Science, Engineering and Mathematics Scholarship (NSF-CSEMS)**

For eligibility requirements and deadlines go to: [www.lagcc.cuny.edu/sfs](http://www.lagcc.cuny.edu/sfs).

Additional scholarship information is available at the Career & Transfer Center, C-261.

# 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

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Childhood Education  
Communication Studies  
Education Associate: The Bilingual Child  
*Human Services:*  
    Gerontology  
    Mental Health  
Liberal Arts: Social Sciences and Humanities  
    Deaf Studies Option  
    History Option  
    International Studies Option  
    Labor and Community Organizing Option  
    Latin American Studies Option  
    Media Studies Option  
    Theater and Communication Option  
Philosophy  
Secondary Education  
Spanish-English Translation  
Writing and Literature

## ASSOCIATE IN SCIENCE

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Accounting  
Biology  
Business Administration  
    Aviation Management Option  
Computer Science  
Criminal Justice  
Dietetic Technician  
*Engineering Science:*  
    Civil Engineering  
    Electrical Engineering  
    Mechanical Engineering  
Environmental Science  
Fine Arts  
    Design Studies Option  
Liberal Arts: Mathematics and Science  
School Foodservice Management  
Theatre

## ASSOCIATE IN APPLIED SCIENCE

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Business Management  
    Entrepreneurship and Small Business Management Option  
    International Business Option  
Commercial Photography  
    Fine Arts Photography Option  
Computer Operations  
    Computer Network Administration and Security Option  
Computer Technology  
Emergency Medical Technician/Paramedic  
Foodservice Management  
Industrial Design  
Music Recording Technology / Joint with Institute of Audio  
    Research  
New Media Technology  
Nursing  
Occupational Therapy Assistant  
Paralegal Studies  
Physical Therapist Assistant  
Programming and Systems  
Radiologic Technology  
Travel, Tourism, and Hospitality Management  
Veterinary Technology

## CERTIFICATE PROGRAMS

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Commercial Photography  
Digital Media Arts  
Practical Nursing  
Word Processing Specialist



# Accounting

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

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 169.

Descriptions of courses in the major can be found on page 91.

\* For students planning to transfer to Baruch College, MAT201 is recommended

\*\* For students planning to transfer to Baruch College or Queens College, completing the two course Economics sequence (SSE103 and 104) is recommended.

## Accounting Curriculum: AS Degree

<b>Counseling</b>	
New Student Seminar	0
<b>English: 6 credits</b>	
Composition I ENC/G101	3
Writing Through Literature ENG102	3
<b>Humanities: 6 credits</b>	
Public Speaking HUC106	3
<i>Select one of the following courses:</i>	3
Introduction to Philosophy HUP101	
Critical Thinking HUP102	
Ethics and Moral Issues HUP104	
<b>Math, Engineering &amp; Computer Science: 7 credits</b>	
Elementary Statistics I MAT120	3
Precalculus MAT200	4
<b>Math, Engineering &amp; Computer Science/Natural Sciences: 4 credits</b>	
<i>Select one of the following courses:*</i>	4
Calculus I MAT201	
Principles of Biology SCB115	
<b>Accounting/Business/Technology: 23 credits</b>	
Principles of Accounting I BTA111	4
Principles of Accounting II BTA112	4
Intermediate Accounting I BTA201	3
Intermediate Accounting II BTA202	3
Introduction to Business BTM101	3
Business Law I BTM110	3
Introduction to Information Systems BTC200	3
<b>Social Science: 6 credits</b>	
<i>Select one of the following courses:**</i>	3
Introduction to Microeconomics SSE103	
Introduction to Macroeconomics SSE104	
<i>Select one of the following courses:</i>	3
Introduction to Anthropology SSA100	
Introduction to Microeconomics SSE103	
Introduction to Macroeconomics SSE104	
U.S. Power and Politics SSP101	
Introduction to Sociology SSS100	
General Psychology SSY101	
<b>Internship: 6 credits</b>	
People, Work and Organizations BTI121	3
Business Internship BTI201	3
<i>(Both Day and Extended Day students are required to take BTI121. Extended Day students may take BTI201 or an unrestricted elective course.)</i>	
<b>Liberal Arts Electives: 2 credits</b>	
Any Urban Study course in Communication Skills, Education and Language Acquisition; English; Health Sciences; Humanities; or Social Science. See page 171.	

**TOTAL CREDITS: 60**

# Biology

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

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 basic skills requirements, see page 169.

Descriptions of courses in this major begin on page 156.

## Biology Curriculum: AS Degree

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### Counseling:

New Student Seminar 0

### English: 6 credits

Composition 1 ENC/ENG101 3  
Writing Through Literature ENG102 3

### Humanities: 3 credits

Critical Thinking HUP102 3

### Social Sciences: 3 credits

Cultural Anthropology SSA101 3

### Math, Engineering & Computer Science: 7 credits

College Algebra and Trigonometry MAT115 3  
Precalculus MAT200 4

### Health Science: 3 credits

AIDS in New York City SCN194\* 3

### Natural Sciences: 32 credits

Fundamentals of Biology I SCB201 4  
Fundamentals of Biology II SCB202 4  
General Chemistry I SCC201 4  
General Chemistry II SCC202 4  
Organic Chemistry I SCC251 5  
Organic Chemistry II SCC252 5  
Cell Biology SCB255 4  
Fundamentals of Biotechniques SCB252 2

### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3  
Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students make take CEP201 or an unrestricted elective course.)*

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**TOTAL CREDITS: 60**

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\* This fulfills the Urban Study requirement

# Business Administration

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

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 169.

Descriptions of courses in this major begin on page 94.

## Business Administration Curriculum: AS Degree

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<b>Counseling</b>	
New Student Seminar	0
<b>English: 6 credits</b>	
Composition I ENC/G101	3
Writing Through Literature ENG102	3
<b>Humanities: 3 credits</b>	
Liberal Arts Elective	3
<b>Math, Engineering &amp; Computer Science: 3 credits</b>	
Elementary Statistics MAT120*	3
<b>Internship: 6 credits</b>	
People, Work and Organizations BTI121	3
Business Internship BTI201	3
<i>(Both Day and Extended Day students are required to take BTI121. Extended Day students may take BTI201 or an unrestricted elective course.)</i>	
<b>Liberal Arts Electives: 9 credits</b>	
Any course in Communication Skills; Education and Language Acquisition; English; Human Services; Humanities; Library; Mathematics, Engineering, and Computer Science; Natural Sciences; Health Sciences; or Social Science EXCEPT when noted as unrestricted elective in DegreeWorks or College Catalog. See page 171 for these courses.	9

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\* Precalculus, MAT200, or Calculus I, MAT201, can be used to satisfy this degree requirement.

# Business Management

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

The Business Management Program, which is coordinated by the Business and Technology Department, leads to an Associate in Applied Science (AAS) degree. It is designed to lead to immediate employment upon graduation. However, it also provides an opportunity for those students who decide to continue their education to complete many of the requirements for a baccalaureate degree while at LaGuardia. Students in the Business Management Program will become acquainted with the various functional areas of business such as management, marketing, business law and accounting. In addition, students may choose from a wide array of business elective courses, which allows for more flexibility in meeting individual needs and interests.

The Business Management Program has three options in addition to the more general program described above. The Business Finance option is specifically designed to introduce the student to the function of commercial credit in today's business world. The program will examine the role of the credit department within a company and the career possibilities within the department. It will prepare students for entry-level positions in a credit department. Employment opportunities exist in manufacturing, banks, retail establishments and factoring firms.

The option in Entrepreneurship and Small Business Management is designed to give the student a comprehensive overview of the financial management of a small business, methods of evaluating entrepreneurial opportunities and training in how to manage a small business.

The International Business option is designed to lead to employment and careers in firms which operate in the growing global marketplace. Graduates could be employed by import-export firms, banks, transportation companies and other firms directly or indirectly engaged in international trade. The option includes specialized courses focused on international aspects of marketing, finance and trade documentation. Study of a modern foreign language is required.

Students enrolled in the Business Management 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 169.

Descriptions of courses in this major begin on page 94.

## BUSINESS ADMINISTRATION OPTION

### Natural Sciences/Health Sciences/Math, Engineering & Computer Science: 3 credits

Liberal Arts Elective	3
<i>(For Natural Sciences/Health Sciences, select only course designations beginning with SCB, SCC, SCH, or SCP.)</i>	

### Social Science: 6 credits

<i>Select one of the following courses:</i>	3
Introduction to Microeconomics SSE103	
Introduction to Macroeconomics SSE104	
Liberal Arts Elective	3

### Business and Technology: 23 credits

Principles of Accounting I BTA111	4
Principles of Accounting II BTA112	4
Introduction to Information Systems BTC200	3
Introduction to Business BTM101	3
Principles of Management BTM103	3
Principles of Marketing BTM104	3
Business Law I BTM110	3

### Unrestricted Elective: 1 credit

One elective must be an urban study course. See page 171.	1
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**TOTAL CREDITS: 60**

OR

## AVIATION MANAGEMENT OPTION

### Natural Sciences: 4 credits

Principles of Biology SCB115	4
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### Social Science: 6 credits

Introduction to Microeconomics SSE103	3
Introduction to Macroeconomics SSE104	3

### Business and Technology: 23 credits

Principles of Accounting I BTA111	4
Principles of Accounting II BTA112	4
Introduction to Information Systems BTC200	3
Business Law I BTM110	3
Introduction to Aviation Business BTV160	3
Introduction to Aviation Management BTV161	3
Introduction to Aviation Operations BTV162	3

**TOTAL CREDITS: 60**

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

## Business Management Curriculum: AAS Degree

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

### Math, Engineering and Computer Science: 3 credits

Elementary Statistics I MAT120\* 3

### Natural Sciences: 4 credits

*Select one of the following courses:* 4

Principles of Biology SCB115

Introduction to Chemistry SCC205

### Social Science: 3 credits

*Select one of the following courses:* 3

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

### Internship: 6 credits

People, Work and Organizations BTI121 3

Business Internship BTI201 3

*(Both Day and Extended Day students are required to take BTI121. Extended Day students may take BTI201 or an unrestricted elective course.)*

\* Precalculus, MAT200, or Calculus I, MAT201, can be used to satisfy this degree requirement.

## BUSINESS MANAGEMENT OPTION

### Humanities/Social Science: 3 credits

Liberal Arts Elective 3

### Business and Technology: 32 credits

Principles of Accounting I BTA111 4

Principles of Accounting II BTA112 4

Accounting Applications for the Microcomputer BTA130 3

Introduction to Business BTM101 3

Principles of Management BTM103 3

Business Law I BTM110 3

Introduction to Information Systems BTC200 3

*Choose three of the following courses:* 9

BTA150, BTA201, BTA202, BTM102, BTM104, BTM108, BTM111, BTM116, BTM120, BTM155, BTM251, BTM252, BTM253, BTM260, BTM261, BTM262, BTM263, BTM264, BTM265, BTN195

### Liberal Arts Elective: 1 credit

Any course in Communication Skills; Education and Language Acquisition; English; Human Services; Humanities; Library; Mathematics, Engineering, and Computer Science; Natural Sciences; Health Sciences; or Social Science EXCEPT when noted as unrestricted elective in DegreeWorks or College Catalog. See page 171 for these courses. 1

**Unrestricted Electives: 2 credits** 2

**TOTAL CREDITS: 60**

OR

## ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT OPTION

### Humanities/Social Science: 3 credits

Liberal Arts Elective 3

### Business and Technology Studies: 32 credits

Principles of Accounting I BTA111 4

Principles of Accounting II BTA112 4

Introduction to Business BTM101 3

Principles of Management BTM103 3

Business Law I BTM110 3

Launching New Businesses BTM251 3

Entrepreneurial Finance BTM252 3

Entrepreneurial Strategy BTM253 3

Profile and Prospects of New York City Business BTN195 3

Introduction to Information Systems BTC200 3

**Liberal Arts Electives: 3 credits** 3

**Unrestricted Elective: 1 credit** 1

**TOTAL CREDITS: 60**

OR

### INTERNATIONAL BUSINESS OPTION

#### ELA/Social Science: 6 credits

Select two of the following courses: 6

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

Modern Language Elective\*

Modern Language Elective\*

#### Business and Technology: 32 credits

Principles of Accounting I BTA111 4

Principles of Accounting II BTA112 4

Introduction to Business BTM101 3

Principles of Management BTM103 3

Business Law I BTM110 3

Principles of International Business BTM260 3

Export/Import Procedure and Documentation BTM261 3

Global Marketing BTM262 3

International Finance BTM263 3

Introduction to Computers and Their Applications BTC100 3

Unrestricted Electives: 1 credit 1

**TOTAL CREDITS: 60**

\* A 102-level Modern Language course must be completed before graduation credit is granted for a 101-level course. A language maintenance course (EL\_\_150) does not satisfy this degree requirement, but may be taken as an unrestricted elective.

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

For all options, one elective must be urban study course. See page 189 for these courses.

# Commercial Photography

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

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.

The New York metropolitan area is the very center of commercial photography. LaGuardia Community College takes advantage of its location by placing AAS degree students in required internships. This provides excellent "hands-on" experience within the actual field itself to complement students' on-campus studies.

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

*continued on next page*

## Commercial Photography, *continued*

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 145.

Descriptions of courses in this major begin on page 160.

### DIGITAL PHOTOGRAPHY OPTION

**Not accepting new students for 2011-2012**

### Commercial Photography Certificate Curriculum

#### Counseling

New Student Seminar 0

#### English: 3 credits

Composition I ENC/G101 3

#### Humanities: 6 credits

Speech Elective 3

*Choose one course from the following three:* 3

Color Theory HUA115

Introduction to Design HUA104

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

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**

## Commercial Photography Curriculum: AAS Degree

**Counseling** New Student Seminar 0

#### English: 6 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

#### Humanities: 12 credits

Speech Elective, usually Public Speaking HUC106 3

History of Photography HUA202 3

*Select two of the following courses:* 6

Introduction to Design HUA104

Color Theory HUA115

Introduction to Computer Art HUA125

The View Camera HUA155

Digital Photography II HUA231

Alternative Photography HUA238

#### Math, Engineering and Computer Science: 3 credits

Liberal Arts Elective 3

#### Natural Sciences: 3 credits

Topics in Chemistry SCC101 3

#### Social Science: 3 credits

*Select one of the following courses:* 3

Any history course except SSN183, SSN199, SSN240

Cultural Anthropology SSA101

Introduction to Anthropology SSA100

U.S. Power and Politics SSP101

Political Ideas and Ideologies SSP250

General Psychology SSY101

Introduction to Sociology SSS100

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

#### Commercial Photography: 24 credits

Beginning Photography HUA130 3

Digital Photography I HUA131 3

Intermediate Photography HUA230 3

Studio Lighting I HUA145 3

Studio Lighting II HUA245 3

Color Photography HUA234 3

Commercial Photography Workshop HUA275 3

Commercial Photography Seminar HUA280 3

#### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective.)*

#### Liberal Arts Electives: 3 credits

Photojournalism HUN191 3

**TOTAL CREDITS: 60**

## FINE ARTS PHOTOGRAPHY OPTION

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

### Humanities: 12 credits

Speech Elective, usually Public Speaking HUC106 3

History of Photography HUA202 3

*Select two of the following courses:* 6

Introduction to Design HUA104

Color Theory HUA115

Computer Art 2 HUA126

### Math, Engineering & Computer Science: 3 credits

Liberal Arts Elective 3

### Natural Sciences: 3 credits

Topics in Chemistry SCC101 3

### Social Science: 3 credits

*Choose one of the following courses:* 3

Any history course except SSN183, SSN199, SSN240

Cultural Anthropology SSA101

Introduction to Anthropology SSA100

U.S. Power and Politics SSP101

Political Ideas and Ideologies SSP250

General Psychology SSY101

Introduction to Sociology SSS100

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

### Photography/Fine Art: 24 credits

Beginning Drawing HUA103 3

Introduction to Computer Art I HUA125 3

Beginning Photography HUA130 3

The View Camera HUA155 3

Intermediate Photography HUA230 3

Color Photography HUA234 3

Alternative Photography: The Manipulated

Image HUA238 3

Video Production Workshop HUC240 3

### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

### Liberal Arts Elective: 3 credits

Photojournalism HUN191

Art and Society HUN192 3

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**TOTAL CREDITS: 60**

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# Communication Studies

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

The Communication Studies degree program is coordinated by the Humanities Department and leads to the degree of Associate in Arts (AA) with three areas of concentration: Public Communication, Speech and Mass Communication. The primary goal of this transfer degree program is to prepare students with communication competencies, theoretical knowledge and necessary skills and training to become leaders in the global work force. This program aims to assist students in transferring to four-year colleges or to begin a career in a related industry (e.g., public relations, speech communication, human resources and radio and television).

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 three tracks: Public Communication, Speech and Mass Communication.

The Public Communication 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 such areas as public relations, negotiation and mediation, sales, advertising, human resources, politics, law, marketing and counseling. Speech majors will specialize in fundamental knowledge of the speech mechanism and receive competency-based training in the field of Speech Pathology. They will be able to transfer into articulated four-year college programs in order to complete their BA degrees and later their MA degrees to become certified speech-language pathologists in, for example, educational institutions (e.g., the NYC Department of Education), hospitals and nursing homes or the private sector. Students concentrating in the Mass Communication option will learn the history of media studies as well as hands-on techniques in creating and producing media work (e.g., LaGuardia Community College's web radio station). In addition to transferring to a four-year college, the Mass Communication students may develop their careers in electronic media, radio-television, broadcasting, film industries and journalism (via companion courses in the English Department).

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 169.

Descriptions of courses in this major begin on page 100.



## Communication Studies Curriculum: AA Degree

### Counseling:

New Student Seminar 0

### English: 8 credits

Composition 1 ENG101 3

Writing Through Literature ENG102 3

Preparing and Writing the Research Paper ENG103 2

### Humanities: 3 credits

Other than Communication courses 3

### English/Humanities: 3 credits

*Select one of the following courses:* 3

Public Speaking HUC106

Introduction to Broadcasting HUC140

Journalism: Its Scope and Use ENG210

Broadcast Journalism: Writing for Radio ENG213

### Math, Engineering & Computer Science: 3 credits

Elementary Statistics I MAT120 3

### Social Science: 6 credits

History Elective 3

*Select one of the following courses:* 3

Introduction to Anthropology SSA100

Introduction to Sociology SSS100

General Psychology SSY101

### Natural Sciences: 4 credits

Principles of Biology SCB115 4

### Speech Core Courses: 21 credits

Voice and Diction HUC104 3

Public Speaking HUC106 3

Communication in a Professional Setting HUC108 3

Interpersonal Communication HUC111 3

Small Group Communication HUC112 3

Oral Interpretation HUC113 3

Introduction to Intercultural Communication HUN/SSN180\* 3

*Select one of the following three options:* 6

#### 1. Students interested in Public Communication (CS1):

Persuasion and Debate HUC109

Public Relations HUC141

#### 2. Students interested in Speech Pathology (CS2):

Phonetics HUC115

*Select one of the following courses:*

Survey of Speech, Language and Hearing Disorders HUC116

Normal Language Development HUC/ELL114

#### 3. Students interested in Mass Communication (CS3):

Introduction to Mass Media HUC120

Mass Communication and Society HUC130

### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*Both Day and Extended Day students are required to take CEP121. Extended Day students make take CEP201 or an unrestricted elective course.*

**TOTAL CREDITS: 60**

\* This fulfills the Urban Study requirement

# Computer Programs

[www.laguardia.edu/majors](http://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.

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## **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:**

Business and Technology 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:**

Mathematics, Engineering and Computer Science Department

The Computer Operations curriculum prepares students to operate computer equipment. After graduation, students will qualify for positions as input/output control clerks, computer operators and console operators.

## **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 college.

## **Computer Technology - Telecommunications Option:**

Mathematics, Engineering and Computer Science Department

The option in Telecommunications provides students with skills for working in data switching centers, maintaining data lines and repairing communication devices. In addition, students have the opportunity to plan advanced studies in teleprocessing and telecommunications. Students will be prepared to transfer to a bachelor of technology program at a senior college.

## **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.

## Computer Science Curriculum: AS Degree

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

### Humanities: 3 credits

Liberal Arts Elective\* 3

### Math, Engineering & Computer Science: 39 credits

Introduction to Computer Science MAC101 4

Object-Oriented Programming MAC190 4

BASIC Assembler Language for Computer Science MAC196 5

Data Structures MAC286 3

Computer Architecture MAC295 4

Calculus I MAT201 4

Calculus II MAT202 4

Calculus III MAT203 4

Linear Algebra MAT210 3

Introduction to Discrete Mathematical Structures MAT230 4

### Social Science: 3 credits

*Choose one of the following courses:\*\** 3

Any history course except SSN183, SSN199, SSN240

Cultural Anthropology SSA101

Introduction to Anthropology SSA100

U.S. Power and Politics SSP101

Political Ideas and Ideologies SSP250

General Psychology SSY101

Introduction to Sociology SSS100

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

### Business and Technology: 3 credits

Introduction to Business BTM101 3

### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

**TOTAL CREDITS: 60**

\* Elective must satisfy the urban study requirement.

\*\*For transfer to New York City College of Technology, General Psychology SSY101 is recommended.

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

## Programming and Systems Curriculum: AAS Degree

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

### Humanities: 3 credits

Liberal Arts Elective 3

### Math, Engineering & Computer Science: 29 credits

Precalculus MAT200 4

Introduction to Computer Science MAC101 4

Introduction to Visual Programming MAC109 3

Systems Analysis and Design MAC110 3

C/C++ Programming MAC125 3

Comparative Operating Systems MAC230 3

Database Concepts and Programming MAC250 3

Introduction to Teleprocessing MAC260 3

Any MAC or BTC course except BTC/SSD105 3

### Social Science: 3 credits

*Choose one of the following courses:\*\** 3

Any history course except SSN183, SSN199, SSN240

Cultural Anthropology SSA101

Introduction to Anthropology SSA100

U.S. Power and Politics SSP101

Political Ideas and Ideologies SSP250

General Psychology SSY101

Introduction to Sociology SSS100

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

### Business and Technology: 7 credits

Principles of Accounting I BTA111 4

Introduction to Business BTM101 3

### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

### Liberal Arts Electives: 6 credits

Any course in Communication Skills; Education and Language Acquisition; English; Human Services; Humanities; Library; Mathematics, Engineering, and Computer Science; Natural Sciences; Health Sciences; or Social Science EXCEPT when noted as unrestricted elective in DegreeWorks or College Catalog. See page 171 for these courses. One elective course must be an Urban Study course. See page 171 for these courses. 6

**TOTAL CREDITS: 60**

## Computer Operations Curriculum: AAS Degree

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

### Math, Engineering & Computer Science: 6 credits

Introduction to Visual Programming MAC109 4

Elementary Statistics MAT120 3

### Social Science: 3 credits

*Choose one of the following courses:* 3

Any history course except SSN183, SSN199, SSN240

Cultural Anthropology SSA101

Introduction to Anthropology SSA100

U.S. Power and Politics SSP101

Political Ideas and Ideologies SSP250

General Psychology SSY101

Introduction to Sociology SSS100

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

### Business and Technology: 10 credits

Principles of Accounting I BTA111 4

Introduction to Business BTM101 3

Introduction to Computers and their Applications BTC100 3

## New Media Technology/ Media Studies Digital Media Arts 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

### Elective: 3 credits

*Select one of the following:* 3

Introduction to Web Development HUW166

Music Audio Recording I HUM146

**TOTAL CREDITS: 33**

## COMPUTER OPERATIONS OPTION

### Humanities: 3 credits

Liberal Arts Elective 3

### Math, Engineering & Computer Science: 12 credits

Systems Analysis and Design MAC110 3

Comparative Operating Systems MAC230 3

Introduction to Teleprocessing Operations MAC260 3

Computer Operations Elective 3

*(choose any MAC course; recommended: MAC241, MAC250 or MAC265)*

### Business and Technology: 6 credits

Data Center OPS: Basics BTC270 3

Data Center OPS: Advanced BTC275 3

### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

### Liberal Arts Electives: 5 credits

Any course in Communication Skills; Education and Language Acquisition; English; Human Services; Humanities; Library; Mathematics, Engineering, and Computer Science; Natural Sciences; Health Sciences; or Social Science EXCEPT when noted as unrestricted elective in DegreeWorks or College Catalog. See page 171 for these courses. 5

### Unrestricted Electives: 3 credits

One elective must be urban study course. See page 189 for these courses.

**TOTAL CREDITS: 60**

\* For transfer to New York City College of Technology, General Psychology SSY101 is recommended.

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

## TELECOMMUNICATIONS OPTION

**Not accepting new students.**

OR

**COMPUTER OPERATIONS:  
COMPUTER NETWORK ADMINISTRATION AND  
SECURITY OPTION**

**Humanities: 3 credits**

Select one of the following courses: 3  
Public Speaking HUC106 or  
Communication in a Professional Setting HUC108 3

**Math, Engineering & Computer Science: 22 credits**

Comparative Operating Systems MAC230 3  
UNIX Network Operating Systems MAC232 3  
Windows Network Operating System MAC233 3  
Network and Systems Security MAC245 3  
Advanced Network and Systems Security MAC246 3  
Computer Repair and Network Maintenance MAC293 4

Select one of the following courses: 3  
Advanced UNIX Administration MAC252  
Advanced Windows NT Administration MAC253

**Cooperative Education: 6 credits**

Fundamentals of Professional Advancement CEP121 3  
Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

**Liberal Arts Electives: 7 credits**

Any course in Communication Skills; Education and Language Acquisition; English; Human Services; Humanities; Library; Mathematics, Engineering, and Computer Science; Natural Sciences; Health Sciences; or Social Science EXCEPT when noted as unrestricted elective in DegreeWorks or College Catalog. See page 171 for these courses. 7

One elective must be urban study course. See page 189 for these courses.

**TOTAL CREDITS: 60**

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

**Computer Technology Curriculum:  
AAS Degree**

**Counseling**

New Student Seminar 0

**English: 6 credits**

Composition I ENC/G101 3  
Writing Through Literature ENG102 3

**Humanities: 3 credits**

Public Speaking HUC106 3

**Math, Engineering & Computer Science: 11 credits**

Introduction to Visual Programming MAT109 3  
Technical Mathematics I MAT241 4  
Technical Mathematics II MAT242 4

**Social Science: 3 credits**

Urban Sociology SSN187 3

**Business and Technology: 3 credits**

Introduction to Business BTM101 3

**COMPUTER TECHNOLOGY OPTION**

**Math, Engineering & Computer Science: 28 credits**

Computer Electronics I MAC241 4  
Computer Electronics I I MAC242 3  
Computer Hardware Interfacing and Programming  
MAC265 3  
Computer Technology Project Lab MAC289 2  
Computer Logic, Design and Implementation I MAC291 4  
Computer Logic, Design and Implementation II MAC292 4  
Computer Repair and Network Maintenance MAC293 4  
Computer Architecture MAC295 4

**Cooperative Education: 6 credits**

Fundamentals of Professional Advancement CEP121 3  
Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

**TOTAL CREDITS: 60**

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

# New Media Technology Curriculum: AAS Degree

## Counseling

New Student Seminar 0

## English: 6 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

## Humanities: 15 credits

Introduction to Design HUA104 3

## Math, Engineering & Computer Science: 3 credits

Elementary Statistics I MAT120 3

## Social Science: 3 credits

*Choose one of the following courses:\** 3

Any history course except SSN183, SSN199, SSN240

Introduction to Anthropology SSA100

Cultural Anthropology SSA101

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

U.S. Power and Politics SSP101

Political Ideas and Ideologies SSP250

Introduction to Sociology SSS100

General Psychology SSY101

## Business and Technology: 3 credits

Introduction to E-Business BTM116 3

## Humanities (New Media Courses): 18 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 Web Development HUW166 3

New Media Project Lab HUW269 3

## Humanities (New Media Elective Courses): 9 credits

*Select three of the following courses:* 9

Computer Art I HUA125

Computer Art II HUA126

Video Production Workshop I HUC240

Video Production Workshop II HUC242

Music Audio Recording HUM146

E-Commerce Technology HUW111

Topics in New Media HUW160

Dynamic Web Design HUW167

Advanced Dynamic Web Design HUW168

Internet Game Design HUW169

## Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

## Liberal Arts Electives: 9 credits

Mass Communication and Society HUC130 3

*Select one of the following courses:*

Art of Film HUC150

American Film HUC270 3

Urban Study Elective\*\*\*\* 3

**TOTAL CREDITS: 60**

\* For transfer to New York City College of Technology, General Psychology SSY101 is recommended.

\*\* Students selecting the Web Design cluster should consider additional art courses such as HUA165 or HUA166.

\*\*\* Students selecting the Web Programming cluster should consider an additional mathematics course such as MAT200.

\*\*\*\* HUN196 is recommended.

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.



# Criminal Justice

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

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 nonprofit 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 169.

Descriptions of courses in this major begin on page 160.

## Criminal Justice Curriculum: AS Degree

### Counseling

New Student Seminar 0

### English: 9 credits

Composition I ENG101 3

Writing Through Literature ENG102 3

Literature Elective 3

### Humanities: 6 credits

Public Speaking HUC106\* 3

*Select one liberal arts course in Art, Music or Drama\*\*\** 3

### Math, Engineering & Computer Science: 3 or 4 credits

*Select one of the following courses:*

College Algebra and Trigonometry MAT115 3

Pre-calculus MAT200 4

Calculus I MAT201 4

### Natural Sciences: 4 credits

*Select one of the following courses:*

Principles of Biology SCB115 4

Foundations of Chemistry SCC210 4

### Social Science: 12 credits

Introduction to Sociology SSS100 3

Power and Politics SSP101 3

*Select one of the following courses:*

Themes in American History to 1865 SSH101 3

Themes in American History since 1865 SSH102 3

Western Civilization from Ancient Times to Renaissance SSH103 3

Western Civilization from the Renaissance to Modern Times SSH104 3

World History from 1500 to the Present SSH106 3

East Asian Civilization and Societies SSH110 3

*Select one of the following courses:*

The Puerto Rican Community Minority Group Experience ELN194\*\* 3

Cultural Anthropology SSA101 3

Peoples and Cultures of the Caribbean SSA120 3

History of Minorities SSN183\*\* 3

Afro-American History SSH231 3

Survey of Latin America and Caribbean History SSH232 3

### Criminal Justice: 15 credits

Introduction to Criminal Justice SSJ101 3

Criminology SSJ102 3

Corrections and Sentencing SSJ202 3

Policing SSJ203 3

Crime and Justice in Urban Society SSN204\*\* 3

### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-time Internship CEP201 3

### Liberal Arts Electives: 4-5 credits

Any course in Communication Skills; Education and Language Acquisition; English; Human Services; Humanities; Library; Mathematics, Engineering, and Computer Science; Natural Sciences; Health Sciences; or Social Science EXCEPT when noted as unrestricted elective in DegreeWorks or College Catalog. See page 171 for these courses. 4-5

**TOTAL CREDITS: 60**

\* HUC106 Public Speaking no longer requires Fundamentals of Speech Communication HUC101 as a pre-requisite.

\*\* This class meets LaGuardia's Urban Study requirement

\*\*\* Liberal Arts course must be selected in consultation with the Program Director



# Dietetic Technician

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

The Dietetic Technician Program, coordinated by the Health Sciences Department, leads to the Associate in Science (AS) degree. The Dietetic Technician Program at LaGuardia Community College is currently granted initial accreditation by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association, 120 S. Riverside Plaza, Suite 2000, Chicago, IL 60606, (312) 899-5400.

The program is designed to educate individuals in the areas of medical nutrition therapy and foodservice management. Students are taught to screen and assess patients and to plan and implement appropriate nutrition intervention plans. They are also taught to supervise food production, plan menus, implement sanitation and safety procedures, and manage personnel. The program provides courses in normal nutrition, medical nutrition therapy, nutrition education methodologies and foodservice management. The basic science courses include human anatomy, physiology and biological chemistry.

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 handbook. These handbooks are available in the Program office, E-300. Achievement of the progression standards does not guarantee advancement to the clinical phase.

Students complete three required field experiences at health care facilities in the New York metropolitan area. These experiences provide the opportunity to combine classroom learning with practical work experience.

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

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 169.

Descriptions of courses in this major begin on page 121.

## Dietetic Technician Curriculum: AS Degree

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101\* 3

Writing Through Literature ENG102 3

### Humanities: 3 credits

Public Speaking HUC106 3

### Natural Sciences: 12 credits

Human Anatomy and Physiology I SCB203\* 4

Human Anatomy and Physiology II SCB204 4

Foundations of Chemistry SCC210\* 4

### Social Science: 6 credits

Introduction to Sociology SSS100 3

General Psychology SSY101 3

### Health Sciences: 2 credits

Community Health SCN195 2

### Dietetic Technology: 26 credits

Foods SCD100 3

Introductory Nutrition SCD200\* 3

Clinical Nutrition A SCD201 3

Clinical Nutrition B SCD202 3

Life Cycle Nutrition SCD203 3

Applied Dietetics SCD206 2

Production Management SCD250 3

Principles of Sanitation SCD251 3

Foodservice Administration SCD253 3

### Cooperative Education: 5 credits

Dietetic Field Experience I SCD260 1

Dietetic Field Experience II SCD221 2

Dietetic Field Experience III SCD222 2

**TOTAL CREDITS: 60**

\* 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.

# Education

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

The jointly registered Childhood Education and Secondary Education programs, coordinated by the Education and Language Acquisition Department, 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. The programs can lead to admission to Queens College 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.

These programs 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.

The programs have two internships that are accompanied by a cooperative education seminar designed to integrate theory and practice. The LaGuardia internship will satisfy the 100 hours of experience working with children required for admission to the Childhood Education Program at Queens College. The intent of the internships is to involve students in the educational life of the classroom, to let them experience a variety of school settings and to learn beginning

skills in a teaching role. Through this experiential component, students will have the opportunity to clarify their personal goals, gain insight into the teaching profession and make informed career decisions about continuing in the field of urban education.

Students in these programs are required to complete a Liberal Arts major along with the education co-major at Queens College. Queens College offers a large number of liberal arts majors. Therefore, the Liberal Arts elective credits at LaGuardia should be taken toward a Liberal Arts major at Queens College and students should consult with an advisor before selecting electives.

Students in the Childhood Education program must have a grade of B in at least one course in each of the core content areas: Math, Science, Social Studies and English Language Arts. They also must maintain a minimum overall cumulative average of 2.75 in order to begin study in this program at Queens College. While a GPA of 2.75 is the minimum requirement for consideration, IT DOES NOT GUARANTEE admission to this program at Queens 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 169.

Descriptions of courses in this major begin on page 105.



## Childhood Education Curriculum: AA Degree

### Counseling

New Student Seminar 0

### English: 12 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

*Select one of the following courses:* 3

The Bible as Literature ENG205

The Novel ENG260

The Drama ENG265

Shakespeare ENG266

Introduction to Poetry ENG270\*\*

*Select one of the following courses:* 3

Afro-American Literature ENG225

Contemporary Black American Fiction ENG269

### Humanities: 6 credits

Music for Children HUM104 3

*Select one of the following courses:* 3

Beginning Drawing HUA103

Beginning Painting HUA110

Color Theory HUA115

Beginning Sculpture HUA120

Acting I HUC190

### Social Science: 12 credits

Themes in American History to 1865 SSH101 3

Themes in American History since 1865 SSH102 3

Cultural Anthropology SSA101 3

Learning and Education: Childhood to Adolescence SSY105 3

### Math, Engineering & Computer Science: 6 credits

Mathematics in Elementary Education MAT104\* 3

Elementary Statistics I MAT120 3

### Natural Sciences: 4 credits

Principles of Biology SCB115 4

### Education and Language Acquisition: 15 credits

Foundations of American Education ELN120 3

Language and Literacy in Childhood Education ELE203 3

Introduction to Language ELL101 3

Modern Languages 6

### Cooperative Education: 4 credits

Co-op Childhood Education Internship I CEP112 2

Reflective Practice in the Teaching Profession I CPA011 0

Co-op Childhood Education Internship II CEP212 2

Reflective Practice in the Teaching Profession II CPB011 0

### Co-Major: 5 credits

Courses to be determined in consultation with

Education Advisor 5

**TOTAL CREDITS: 64**

\* Students in this program receive a waiver from the Mathematics Department which exempts them from taking MAT103.

\*\* Students whose area of concentration is English must choose ENG270.

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of a co-major.

## Secondary Education Curriculum: AA Degree

### Counseling

New Student Seminar 0

### English: 12 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

*Select one of the following courses:* 3

The Bible as Literature ENG 205

The Novel ENG260

The Drama ENG265

Shakespeare ENG266

Introduction to Poetry ENG270\*

*Select one of the following courses:* 3

Afro-American Literature ENG225

Contemporary Black American Fiction ENG269

### Humanities: 3 credits

*Select one of the following courses:* 3

Introduction to Art HUA101

Introduction to Music HUM101

### Social Science: 6 credits

Cultural Anthropology SSA101 3

*Select one of the following courses:* 3

Themes in American History Since 1865 SSH102\*\*

Western Civilization II SSH104

### Math, Engineering & Computer Science: 3-4 credits

*Select one of the following courses:* 3-4

Elementary Statistics MAT120

Pre-Calculus MAT200\*\*\*

### Natural Sciences: 4 credits

Principles of Biology SCB115\*\*\*\* 4

### Health Sciences: 3 credits

Introductory Nutrition SCD200 3

### Education and Language Acquisition: 15 credits

Foundations of American Education ELN120 3

Language and Literacy in Secondary Education ELE204 3

Introduction to Language ELL101 3

Modern Language 6

### Cooperative Education: 4 credits

Co-op Secondary Education Internship I CEP111 2

Reflective Practice in the Teaching Profession I CPA011 0

Co-op Secondary Education Internship II CEP211 2

Reflective Practice in the Teaching Profession II CPB011 0

### Liberal Arts Electives: 14 credits

The Liberal Arts elective credits must be courses in the area of concentration that you will study at Queens College.

\* Students whose area of concentration is English must choose ENG270.

\*\* Students whose area of concentration is History must choose SSH102.

\*\*\* Students whose area of concentration is Mathematics, Biology or Chemistry must choose MAT200.

\*\*\*\* Students whose concentration is Biology must take Fundamentals of Biology I SCB201 in place of SCB115. Students whose area of concentration is Chemistry must take General Chemistry I SCC201 in place of SCB115.

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

**TOTAL CREDITS: 64-65**

# Education Associate: The Bilingual Child

[www.laguardia.edu/majors](http://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 169.

Descriptions of courses in this major begin on page 105.

## Education Associate: The Bilingual Child Curriculum: AA Degree

<b>Counseling</b>	
New Student Seminar	0
<b>English: 6 credits</b>	
Composition I ENC/G101	3
Writing Through Literature ENG102	3
<b>Humanities: 6 credits</b>	
Introduction to Art HUA101	3
Music for Children HUM104	3
<b>Math, Engineering &amp; Computer Science: 3 credits</b>	
Mathematics and the Modern World MAT107	3
<b>Natural Sciences: 8 credits</b>	
Principles of Biology SCB115	4
Introduction to Chemistry SCC205	4
<b>Social Science: 9 credits</b>	
World History from Ancient Times to 1500 SSH105	3
World History from 1500 to the Present SSH106	3
Learning and Education SSY105	
<b>Education and Language Acquisition: 24 credits</b>	
Introduction to Language ELL101	3
Foundations of American Education ELN120	3
Language and Literacy in Childhood Education ELE203	3
Introduction to Bilingualism ELN101	3
Latin American Literature I ELS200	3
Latin American Civilizations ELS204	3
Advanced Spanish Composition ELS210	3
<i>Select one of the following courses:</i>	3
Latin American Literature II ELS201	
Literature of the Caribbean ELS270	
<b>Cooperative Education: 4 credits</b>	
Bilingual Education Internship I CEP175	2
Reflective Practice in the Teaching Profession I CPA011	0
Bilingual Education Internship II CEP275	2
Reflective Practice in the Teaching Profession II CPB011	0

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**TOTAL CREDITS: 60**

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*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

# Emergency Medical Technician/ Paramedic

[www.lagcc.cuny.edu/programs/aas.emtp.asp](http://www.lagcc.cuny.edu/programs/aas.emtp.asp)

The EMT/Paramedic Program, offered through the Health Sciences Department, leads to an Associate in Applied Science (AAS) degree. Successful completion of the clinical portion of the program will also make the student eligible for certification as an Emergency Medical Technician/Paramedic through the New York State Department of Health.

The field of pre-hospital care, commonly referred to as Emergency Medical Services, is responsible for the initial treatment, stabilization and transport to the hospital of individuals suffering from an acute illness or injury. Working within the established Emergency Medical Services (EMS) systems under the authority of a physician medical director, the EMT/Paramedic is responsible for the recognition and treatment of life-threatening and potentially life-threatening conditions. The EMT/Paramedic initiates appropriate advanced-level treatment as indicated by the patient's condition, including IV access, advanced airway management, medication administration, EKG interpretation and monitoring and other advanced treatments. Employment opportunities are available in commercial ambulance services, municipal EMS systems and hospitals.

The clinical portion of the Paramedic Program includes lectures and practical skills sessions at the College and extensive clinical rotations at affiliated institutions. The program meets the requirements set forth by the New York State Department of Health and follows the most current National Standard Curriculum for the EMT/Paramedic.

Students admitted to this program are considered to be in the "pre-clinical" phase of the major. To be eligible to progress to the "clinical" phase, students must meet the following requirements: completion of CUNY basic skills, minimum GPA of 2.0, active student status, current certification as a NYS Emergency Medical Technician, a minimum of 200 hours and/or 6 months of pre-hospital experience (paid or volunteer), successful completion of Paramedic Program Entrance Exams and an interview with the program director and/or members of the faculty. Seats in the Paramedic Program clinical portion are limited and applicants will be ranked according to the following criteria: number of credits completed at LaGuardia, total number of credits, GPA and date Application for Admission to the Paramedic Program was received by the Paramedic Program.

Students may also be eligible to receive the following credentials (upon successful completion of the specific requirements for each credential): Registration as an EMT-P through the National Registry of EMTs, NYC REMAC (Regional Emergency Medical Advisory Committee) Certification, Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS) and Basic Cardiac Life Support (BCLS) certifications.

Descriptions of courses in this major are found on page 127.

## Emergency Medical Technician/ Paramedic Curriculum: AAS Degree

<b>Counseling</b>	
New Student Seminar	0
<b>English: 6 credits</b>	
Composition I ENC/G101	3
Writing Through Literature ENG102	3
<b>Humanities/English: 3 Credits</b>	
Liberal Arts Elective	3
<b>Math, Engineering &amp; Computer Science: 3 credits</b>	
Elementary Statistics MAT120	3
<b>Social Science: 3 credits</b>	
Introduction to Sociology SSS100	3
<b>Natural Sciences: 8 credits</b>	
Human Anatomy and Physiology I SCB203	4
Human Anatomy and Physiology II SCB204	4
<b>Paramedic Component: 36 credits</b>	
Emergency Medical Technician-Basic SCE100	6
Paramedic I SCE230	12
Paramedic II SCE231	3
Paramedic III SCE232	12
Paramedic IV SCE233	3
<b>Unrestricted Electives: 1 credit</b>	
One elective must be urban study course. See page 189 for these courses.	1

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**TOTAL CREDITS: 60**

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### Notes:

The requirements for this program include mandatory practical skills sessions that are offered only on Saturdays.

Students who have successfully completed a NYS Paramedic Program may receive 30 credits for prior paramedic training. Students who have successfully completed a NYS EMT course may receive 6 credits for prior EMT training. Verification of successful course completion and/or certification from NYS DOH is required to receive these transfer credits.

One-year certificate program for EMT/Paramedic is available through the Division of Adult and Continuing Education.

For additional information, call the EMT/Paramedic Program at (718) 482-5321.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

# Engineering Science Degrees

[www.laguardia.edu/majors](http://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 169.

Descriptions of courses in these majors can be found beginning on page 153.

## Engineering Science: Civil Engineering Curriculum: AS Degree

<b>Counseling</b>	
New Student Seminar	0
<b>English: 6 credits</b>	
Composition I ENC/G101	3
<i>Select one of the following courses:</i>	3
Journalism ENG210	
Humor in Literature ENG256	
<b>Humanities: 6 credits</b>	
Introduction to Art HUA101	3
Introduction to Music HUM101	3
<b>Social Science: 3 credits</b>	
Urban Sociology SSN187***	3
<b>Natural Sciences: 16 credits</b>	
General Chemistry I SCC201	4
General Chemistry II SCC202	4
General Physics I SCP231	4
General Physics II SCP232	4
<b>Math, Engineering &amp; Computer Science: 19 credits</b>	
Calculus I MAT201**	4
Calculus II MAT202	4
Calculus III MAT203*	4
Differential Equations MAT204	4
Linear Algebra MAT210*	3
<b>Specific Program Requirements: 12 credits</b>	
Co-op Prep for Engineering Science CPP024	0
Engineering Lab I/Internship I MAE101	1
Engineering Lab II/Internship II MAE103	2
C/C++ Programming MAC125**	3
Electrical Circuits MAE213	3
Thermodynamics I MAE219	3

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**TOTAL CREDITS: 62**

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\* Students who do not complete the two-year program must pass (C-) both MAT203 & MAT210 at LGCC to satisfy Math 39200 (Linear Algebra and Vector Analysis) at CCNY.

\*\* Students who do not complete the two-year program must pass both MAT201 and MAC125 to satisfy CSC 10200 (Introduction to Computing) at CCNY.

\*\*\*The Prerequisite for SSN187 is waived for students in Engineering Science programs.

*Passing Grade Requirement:* All courses require a minimum passing grade of "C."

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

## Engineering Science: Electrical Engineering Curriculum: AS Degree

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101 3

*Select one of the following courses:* 3

Journalism ENG210

Humor in Literature ENG256

### Humanities: 6 credits

Introduction to Art HUA101 3

Introduction to Music HUM101 3

### Social Science: 3 credits

Urban Sociology SSN187\*\*\*\* 3

### Natural Sciences: 12 credits

General Chemistry I SCC201 4

General Physics I SCP231 4

General Physics II SCP232 4

### Math, Engineering & Computer Science: 23 credits

Calculus I MAT201\*\*\* 4

Calculus II MAT202 4

Calculus III MAT203\*\* 4

Differential Equations MAT204 4

Linear Algebra MAT210\*\* 3

Introduction to Probability MAT221 4

### Specific Program Requirements: 12 credits

Co-op Prep for Engineering Science CPP024 0

Engineering Lab I/Internship I MAE101 1

Engineering Lab II/Internship II MAE103 2

C/C++ Programming MAC125\*\*\* 3

Electrical Circuits MAE213 3

Thermodynamics I MAE219 3

**TOTAL CREDITS: 62**

## Engineering Science: Mechanical Engineering Curriculum: AS Degree

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101 3

*Select one of the following courses:* 3

Journalism ENG210

Humor in Literature ENG256

### Humanities: 6 credits

Introduction to Art HUA101 3

Introduction to Music HUM101 3

### Social Science: 3 credits

Urban Sociology SSN187\*\*\*\* 3

### Natural Sciences: 16 credits

General Chemistry I SCC201 4

General Chemistry II SCC202\* 4

General Physics I SCP231 4

General Physics II SCP232 4

### Math, Engineering & Computer Science: 19 credits

Calculus I MAT201\*\*\* 4

Calculus II MAT202 4

Calculus III MAT203\*\* 4

Differential Equations MAT204 4

Linear Algebra MAT210\*\* 3

### Specific Program Requirements: 13 credits

Co-op Prep for Engineering Science CPP024 0

Engineering Lab I/Internship I MAE101 1

Engineering Mechanics: Statics MAE 211 3

C/C++ Programming MAC125\*\*\* 3

Electrical Circuits MAE213 3

Thermodynamics I MAE219 3

**TOTAL CREDITS: 63**

\* SCC202 at LaGuardia will count as CHEM10400 (General Chemistry II), an EE science elective at CCNY.

\*\* Students who do not complete the two-year program must pass (C-) both MAT203 and MAT210 at LGCC to satisfy Math 39200 (Linear Algebra and Vector Analysis) at CCNY.

\*\*\* Students who do not complete the two-year program must pass (C-) both MAT201 and MAC125 to satisfy CSC10200 (Introduction to Computing) at CCNY.

\*\*\*\* The prerequisite for SSN187 is waived for students in Engineering Science programs.

*Passing Grade Requirement:* All courses require a minimum passing grade of "C."

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.



# Environmental Science

[www.laguardia.edu/majors](http://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 169.

Descriptions of courses in this major begin on page 158.

## Environmental Science Curriculum: AS Degree

<b>Counseling:</b>	
New Student Seminar	0
<b>English: 6 credits</b>	
Composition 1 ENG101	3
Writing Through Literature ENG102	3
<b>Humanities: 3 credits</b>	
Environmental Ethics HUP108	3
<b>Math, Engineering &amp; Computer Science: 7 credits</b>	
Elementary Statistics I MAT120	3
Precalculus MAT200	4
<b>Social Science: 6 credits</b>	
Introduction to Macroeconomics SSE104	3
Environmental Sociology SSN202*	3
<b>Natural Sciences: 32 credits</b>	
Fundamentals of Biology I SCB201	4
Fundamentals of Biology II SCB202	4
General Microbiology SCB260	4
Fundamentals of Ecology SCB265	4
General Chemistry I SCC201	4
General Chemistry II SCC202	4
Geographic Information Systems SCG150	4
Environmental Science SCG250	4
<b>Cooperative Education: 6 credits</b>	
Fundamentals of Professional Advancement CEP121	3
Full-Time Internship CEP201	3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students make take CEP201 or an unrestricted elective course.)*

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**TOTAL CREDITS: 60**

\*This fulfills the Urban Study requirement



# Fine Arts

[www.laguardia.edu/majors](http://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 of the Co-op program through required 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 169.

Descriptions of courses in this major begin on page 134 and 143.

## Fine Arts Curriculum: AS Degree

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

### Humanities: 3 credits

Liberal Arts Elective (other than Fine Arts) 3

### English/Humanities: 3 credits

Liberal Arts Urban Study Elective 3

### Math, Engineering & Computer Science: 3 credits

Liberal Arts Elective 3

### Natural Sciences: 3 credits

Liberal Arts Lab Science Elective 3

*(Select only course designations beginning with SCB, SCC or SCP.)*

### Social Science: 6 credits

History Elective 3

*Choose one of the following courses:* 3

Cultural Anthropology SSA101

Introduction to Anthropology SSA100

General Psychology SSY101

### Liberal Arts: 3 credits

Art and Design Seminar HUA289 3

### Fine Arts: 27 credits

Beginning Drawing HUA103 3

Introduction to Design HUA104 3

Life Drawing HUA180 3

Art History: Prehistoric Through Gothic HUA165 3

Art History: Renaissance Through Modern HUA166 3

*Select two of the following Studio Art courses:* 6

Three-Dimensional Design HUA106

Beginning Painting HUA110

Color Theory HUA115

Beginning Sculpture HUA120

Beginning Photography HUA130

Beginning Printmaking HUA150

*Select one of the following Studio Art courses:* 3

Intermediate Drawing HUA203

Intermediate Painting HUA210

Intermediate Sculpture HUA220

Intermediate Photography HUA230

*Select one of the following Art History courses:* 3

Art of the 20th Century HUA200

Art in New York HUN195

History of Photography HUA202

Art of the Renaissance HUA215

Art of Africa, Oceania and Pre-Columbian America HUA216

Art of Film HUC150

### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

**TOTAL CREDITS: 60**

*Note: Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.*

## DESIGN STUDIES OPTION

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

### Humanities: 3 credits

Liberal Arts Elective (other than Fine Arts) 3

### English/Humanities: 3 credits

Liberal Arts Urban Study Elective 3

### Math, Engineering & Computer Science: 3 credits

Liberal Arts Elective 3

### Natural Sciences: 3 credits

Liberal Arts Lab Science Elective 3

*(Select only course designations beginning with SCB, SCC or SCP.)*

### Social Science: 6 credits

History Elective 3

*Choose one of the following courses:* 3

Cultural Anthropology SSA101

Introduction to Anthropology SSA100

General Psychology SSY101

### Liberal Arts: 3 credits

Art and Design Seminar HUA289 3

### Design/Arts: 27 credits

Beginning Drawing HUA103 3

Introduction to Design HUA104 3

Three-Dimensional Design HUA106 3

Form and Structure HUA107 3

Life Drawing HUA180 3

History of Design HUA212 3

*Select one of the following courses:* 3

Beginning Painting HUA110

Color Theory HUA 115

Beginning Sculpture HUA120

Computer Art I HUA125

Beginning Photography HUA130

Beginning Printmaking HUA150

Graphic Narrative HUA185

*Select one of the following courses:* 3

Intermediate Drawing HUA203

Modelmaking HUA207

Intermediate Painting HUA210

Intermediate Sculpture HUA220

Computer Art II HUA126

Intermediate Photography HUA230

Illustration II HUA285

*Select one of the following courses:* 3

African Art HUA167

Art in New York HUN195

Art of the 20th Century HUA200

History of Photography HUA202

Art of the Renaissance HUA215

Art of Film HUC150

### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

**TOTAL CREDITS: 60**

*Notes:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

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

# Foodservice Management

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

The Foodservice Management Program, offered through the Health Sciences Department, leads to an Associate of Applied Science (AAS) degree. The program provides coursework in food preparation, menu planning, sanitation and safety, purchasing, management and personnel administration. Through the cooperative education component of the program, students apply classroom learning to practical work experience in the foodservice industry. Additional support courses include food microbiology, accounting, advanced foods and nutrition.

The foodservice industry is the third largest employer in the country. The industry anticipates it will need at least 250,000 new employees per year in the next decade. Program graduates are qualified for entry-level middle management trainee positions in large-scale foodservice enterprises such as food catering businesses, cafeterias, fast food outlets and vending machine operations. Areas of employment include purchasing, sanitation and safety management, personnel supervision and food production management.

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 169.

Descriptions of courses in this major begin on page 121.

## Foodservice Management Curriculum: AAS Degree

<b>Counseling</b>	
New Student Seminar	0
<b>English: 6 credits</b>	
Composition I ENC/G101	3
Writing Through Literature ENG102	3
<b>Humanities: 3 credits</b>	
Public Speaking HUC106	3
<b>Math, Engineering and Computer Science: 3 credits</b>	
<i>Select one of the following courses:</i>	3
College Algebra and Trigonometry MAT115	
Elementary Statistics MAT120	
<b>Natural Sciences: 4 credits</b>	
Foods Microbiology SCB160	4
<b>Health Sciences: 28 credits</b>	
Foods SCD100	3
Careers in Food and Nutrition SCD107	1
Introductory Nutrition SCD200	3
Introduction to Culinary Arts SCD205	3
Production Management SCD250	3
Principles of Sanitation SCD251	2
Quantity Food Purchasing SCD252	3
Foodservice Administration SCD253	1
Dining Management SCD254	1
Foodservice Management Internship SCD266	3
Food and Culture SCN240	3
<b>Social Science: 3 credits</b>	
<i>Select one of the following courses:</i>	3
Cultural Anthropology SSA101	
General Psychology SSY101	
Introduction to Sociology SSS100	
<b>Business and Technology: 13 credits</b>	
Principles of Accounting I BTA111	4
Travel, Tourism and Hospitality Marketing BTN211	3
Introduction to Travel, Tourism and Hospitality BTT101	3
Meeting and Events Planning BTT223	3

**TOTAL CREDITS: 60**

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

# Human Services

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

The Human Services Programs, coordinated by the Health Sciences Department, lead to an Associate in Arts (AA) degree with a special orientation to the human service and social work profession. Students may select Gerontology or Mental Health. The curricula are designed to prepare students either for career objectives or for transfer to senior colleges.

The Gerontology Program prepares students for careers in neighborhood senior citizens' centers, in nursing homes and in geriatric outreach programs. Gerontology students who transfer to senior colleges can continue their studies in fields such as gerontology and social work.

The Mental Health Program prepares students for careers in social service agencies, community centers, hospitals and other related institutions. Mental health graduates who transfer to senior colleges can continue their studies in the fields of human services and social work.

To complete the programs successfully, both Day and Extended Day students must earn four credits in an approved human services internship. Internships are not assigned before the second semester. Integration of classroom and work experience is then achieved through a weekly schedule divided between classroom study and field work.

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 169.

Description of courses in this major can be found on page 122.

## Human Services: Gerontology Curriculum: AA Degree

### Counseling

New Student Seminar 0

### English: 8 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

Preparing and Writing the Research Paper ENG103 2

### Humanities: 3 credits

*Select one of the following courses:* 3

Critical Thinking HUP102

Creative Thinking HUP103

### Math, Engineering & Computer Science: 3 credits

Elementary Statistics I MAT120 3

### Natural Sciences: 4 credits

*Select one of the following courses:* 4

Principles of Biology SCB115

Introduction to Chemistry SCC205

Foundations of Chemistry SCC210

### Health Sciences: 5 credits

Aging and Health SCH111 3

Community Health SCN195 2

### Social Science: 12 credits

Introduction to Sociology SSS100 3

General Psychology SSY101 3

Developmental Psychology I SSY240 3

Developmental Psychology II SSY241 3

### Human Services: 15 credits

Core Courses: 6 credits

Orientation to Human Services HSC101 3

Principles of Human Relations HSC102 3

Gerontology: 9 credits

*(Specialization courses must be taken with internships)*

Introduction to Gerontological Services HSG150 3

Survey of Psychological Treatments HSM120 3

Conflict Resolution HSC160 3

### Clinical Courses: 10 credits

*Faculty approval is necessary; must be taken with an internship seminar and field placement.*

Co-op Prep HSS014 0

Human Services Roles and Systems HSC135 3

Activities for Human Services Settings HSC130 3

Internship Courses: 4 credits

Human Services and Internship Seminar 1 HSC203 2

Mental Health/Gerontology Internship and Seminar 2 HSM204\* 2

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**TOTAL CREDITS: 60**

\* must be taken together

## Human Services: Mental Health Curriculum: AA Degree

### Counseling

New Student Seminar 0

### English: 8 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

Preparing and Writing the Research Paper ENG103 2

### Humanities: 3 credits

*Select one of the following courses:* 3

Critical Thinking HUP102

Creative Thinking HUP103

### Math, Engineering & Computer Science: 3 credits

Elementary Statistics MAT120 3

### Natural Sciences: 4 credits

*Select one of the following courses:* 4

Principles of Biology SCB115

Introduction to Chemistry SCC205

Foundations of Chemistry SCC210

### Health Sciences: 5 credits

Community Health SCN195 2

*Select one of the following courses:* 3

Drugs and Behavior SCH150

Human Sexuality SCH210

### Social Science: 12 credits

Introduction to Sociology SSS100 3

General Psychology SSY101 3

Developmental Psychology I SSY240 3

Developmental Psychology II SSY241 3

### Human Services: 15 credits

Core Courses: 6 credits

Orientation to Human Services HSC101 3

Principles of Human Relations HSC102 3

Mental Health: 9 credits

*(Specialization courses must be taken with internships)*

Survey of Psychological Treatment Approaches HSM120 3

Introduction to Gerontological Services HSG150 3

Principles of Child Welfare HSM140 3

### Clinical Courses: 10 credits

*Faculty approval is necessary; must be taken with an internship seminar and field placement.*

Co-op Prep HSS014 0

Human Services Roles and Systems HSC135 3

Activities for Human Services Settings HSC130 3

Internship Courses: 4 credits

Human Services and Internship Seminar 1 HSC203 2

Mental Health/Gerontology Internship and Seminar 2 HSM204\* 2

**TOTAL CREDITS: 60**

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

# Industrial Design

[www.laguardia.edu/majors](http://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. Industrial Design majors will take full advantage of the Co-op program through required internships with designers and professionals 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 curriculum. Scores on the College placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 169.

Descriptions of courses in this major begin on page 144.

## Industrial Design Technology Curriculum: AAS Degree

<b>Counseling:</b>	
New Student Seminar	0
<b>English: 6 credits</b>	
Composition 1 ENC101/ENG101	3
Writing Through Literature ENG102	3
<b>Humanities: 9 credits</b>	
Introduction to Design HUA104	3
History of Design HUA212	3
Art and Society HUN192*	3
<b>Mathematics: 14 credits</b>	
College Algebra and Trigonometry MAT115	3
Technical Mathematics MAT241	4
Introduction to CAD MAE100	4
Manufacturing Processes MAE107	3
<b>Natural Sciences: 4 credits</b>	
Introduction to Chemistry SCC 205	4
<b>Social Science: 3 credits</b>	
<i>Select one of the following courses:</i>	3
Cultural Anthropology SSA101	
General Psychology SSY101	
<b>Industrial Design Technology: 18 credits</b>	
Three Dimensional Design HUA106	3
Form and Structure HUA107	3
SolidWorks HUA109	3
Introduction to Woodworking HUA116	3
Technical Drawing HUA190	3
Modelmaking HUA207	3
<b>Cooperative Education: 6 credits</b>	
Fundamentals of Professional Advancement CEP121	3
Full-Time Internship CEP201	3

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**TOTAL CREDITS: 60**

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# Liberal Arts and Sciences

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

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 dynamics 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. Advanced students are placed in internships where ASL is the everyday medium of communication.

**The History Option** 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. A unique hybrid of intensive academic and career advisement is the hallmark of this option. Students not only receive academic advisement and instruction in some core courses from the director of the option, they are also placed in internationally oriented internships in New York and in internships abroad. Students are also provided with extensive guidance and support in transferring to senior colleges and in applying for scholarships. Students are required to take two cycles of a foreign language.

**The Labor and Community Organizing Option** will prepare students to be employed as professional organizers, leaders and staff members within unions and other community organizations. Job opportunities are dramatically increasing in this field. Thousands of college students are becoming active around issues of sweatshops, immigrant rights, the environment, housing, health care and the need for a living wage. Students will receive a broad liberal arts education with special courses teaching organizing and leadership skills. Students will do their internships in unions and community organizations. The curriculum is designed to enable students to transfer to four-year colleges to programs such as Urban Study, labor studies, human services, public policy and social work.

**The Latin American Studies Option** 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.

**The Psychology Option** offers a curriculum that prepares students for transfer to psychology programs at four-year institutions. The option provides students with a solid foundation in psychology emphasizing training in the scientific method and applied research, problem solving, analytical and critical thinking skills. In addition, the option prepares students to use psychological theory as an aid in the development of interpersonal and intrapersonal skills within the context of everyday experience. This includes understanding the role of social, biological and psychological factors in the normal and mal-adjusted development of behavior.

In the introductory cluster, an interdisciplinary approach to the liberal arts, AA students learn how to make meaningful connections among different areas of study. Through core courses, students gain knowledge of liberal studies necessary to continue their education after graduation.

In addition to required courses, students choose to meet their individual career goals and interests. Through the sequence of courses offered, students are prepared for internships taken in the Department of Cooperative Education. Internships provide a laboratory for linking classroom preparation with further exploration of careers in the liberal arts and sciences. Students bring together their work/study experience in a final seminar where liberal studies are viewed through humanistic scientific, and technological themes.

Liberal Arts and Sciences majors have faculty 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 169.

Descriptions of courses in these majors begin on page 149.



ALVARO CORZO / LAGUARDIA COMMUNITY COLLEGE

## Liberal Arts: Social Sciences and Humanities Curriculum: AA Degree

### Counseling

New Student Seminar 0

### English: 8 credits

Composition I ENC/G101\* 3

Writing Through Literature ENG102 3

Preparing and Writing the Research Paper ENG103\* 2

### Humanities: 6 credits

Liberal Arts Elective 3

*Select one of the following courses:*

Introduction to Art HUA101

Art in New York HUN195

Fundamentals of Speech Communication HUC101

Public Speaking HUC106

The Art of Film HUC150

Art of Theatre HUC170

Introduction to Music HUM101

Introduction to Philosophy HUP101

Ethics and Moral Issues HUP104

Philosophy of Religion HUP105

Social and Political Philosophy HUP106

### Education and Language Acquisition: 3 credits

Introduction to Language ELL101

### Education and Language Acquisition/English: 3 credits

*Select one of the following courses:* 3

Contemporary Francophone Literature in Translation ELF205

Italian Literature in Translation ELI250

Japanese Literature in Translation ELJ250

Contemporary Latin American Fiction in Translation ENG235

Asian American Literature ENG204

Cultural Identity in American Literature ENG235

Images of Women in Literature ENG245

The Woman Writer ENG247

Latin/Latina Writing of the United States ENG248

Literature of Difference: Lesbian/Gay Writers ENG261

### English/Humanities: 3 credits

Liberal Arts Elective 3

### Liberal Arts: 4 credits

Integrating Seminar: Liberals Arts Cluster LIB110\* 1

Humanism, Science and Technology: Liberal Arts Seminar  
LIB200 3

### Math, Engineering & Computer Science: 3 credits

*Select one of the following courses:* 3

College Algebra and Trigonometry MAT115

Elementary Statistics I MAT120

### Natural Science: 4 credits

*Select one of the following courses:* 4

Principles of Biology SCB115

Introduction to Chemistry SCC205

*Select one of the following courses:* 3

Aging and Health SCH111

Drugs and Behavior SCH150

Human Sexuality SCH210

Mathematics Liberal Arts Elective

### Social Science: 9 credits

Liberal Arts Elective 3

*Select one of the following courses:* 3

Introduction to Anthropology SSA100

Cultural Anthropology SSA101

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

U.S. Power and Politics SSP101

Global Politics SSP200

Introduction to Sociology SSS100

General Psychology SSY101

*Select one of the following courses:* 3

Themes in American History to 1865 SSH101

Themes in American History since 1865 SSH102

Western Civilization from Ancient Times to the Renaissance SSH103

Western Civilization from the Renaissance to Modern Times SSH104

World History from Ancient Times to 1500 SSH105

World History from 1500 to the Present SSH106

East Asia Civilization and Societies SSH110

Afro-American History SSH231

Survey of Latin American and Caribbean History SSH232

### Cooperative Education: 3 credits

Fundamentals of Professional Advancement CEP121 3

### Liberal Arts Electives: 6 credits

Any course in Communication Skills; Education and Language Acquisition; English; Human Services; Humanities; Library; Mathematics, Engineering, and Computer Science; Natural Sciences; Health Sciences; or Social Science EXCEPT when noted as unrestricted elective in DegreeWorks or College Catalog. See page 188 for these courses. 6

### Unrestricted Electives: 8 credits

One elective must be an urban study course. See page 189 for these courses. Students have the option of taking a 3-credit internship CEP201 8

### \* Introductory Cluster Requirement

An introductory cluster containing four courses with an Integrating Seminar (LIB110, one credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take ENG101. Extended Day students and students who change to the Liberal Arts major after completing ENG101 may substitute a Liberal Arts elective.

**TOTAL CREDITS: 60**

<b>DEAF STUDIES OPTION</b>	
<b>Counseling: 0 credits</b>	
New Student Seminar	
<b>English: 11 credits</b>	
Composition 1 ENC/G101	3
Writing through Literature ENG102	3
Preparing and Writing the Research Paper ENG103	2
<i>Select one of the following courses:</i>	3
The Short Story ENG250	
The Novel ENG260	
The Drama ENG265	
Afro-American Literature ENG225	
Images of Women in Literature ENG245	
Introduction to Poetry ENG270	
<b>Humanities: 6 credits</b>	
<i>Select two of the following courses:</i>	6
Public Speaking HUC106	
Creative Drama HUC180	
Introduction to Intercultural Communication HUN180*	
Creative Thinking: Theory and Practice HUP103	
<b>Liberal Arts: 3 credits</b>	
Humanism, Science and Technology: Liberal Arts Seminar LIB200	3
<b>Library: 1 credit</b>	
Internet Research Strategies LRC103	1
<b>Math, Engineering &amp; Computer Science: 3 credits</b>	
Elementary Statistics I MAT120	3
<b>Natural Sciences: 4 credits</b>	
<i>Select one of the following courses:</i>	4
Principles of Biology SCB115	
Introduction to Chemistry SCC205	
<b>Health Sciences: 3 credits</b>	
<i>Select one of the following courses:</i>	3
Introductory Nutrition SCD200	
Human Sexuality SCH210	
Drugs and Behavior SCH150	
<b>Education and Language Acquisition: 15 credits</b>	
American Sign Language I ELM101	3
American Sign Language II ELM102	3
American Sign Language III ELM103	3
American Sign Language IV ELM104	3
Introduction to Bilingualism ELN101	3
<b>Social Science: 9 credits</b>	
Introduction to Sociology SSS100	3
Sociology of American Deaf Communities SSS190	3
<i>Select one of the following courses:</i>	3
Themes in American History to 1865 SSH101	
Western Civilization from Ancient Times to the Renaissance SSH103	
Western Civilization from the Renaissance to Modern Times SSH104	
World History from Ancient Times to 1500 SSH105	
World History from 1500 to the Present SSH106	
General Psychology SSY101	
Urban Anthropology SSN182**	
History of Minorities SSN183**	
<b>Cooperative Education: 5 credits</b>	
Part-time internship (required for all students) CEP151	2
Full-time internship (required for all students) CEP201	3
One elective must be urban study course. See page 189 for these courses.	

Notes: Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

Students should select elective courses from the list of courses that meet the Core Requirements as detailed on the following page

**TOTAL CREDITS: 60**

\* Fulfills urban study requirement.

\*\*One elective must be urban study course. See page 189 for these courses.

Note: Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

## INTERNATIONAL STUDIES OPTION

**Counseling**

New Student Seminar 0

**English: 8 credits**

Composition I ENC/G101 3

Writing Through Literature ENG102 3

Preparing and Writing the Research Paper ENG103 2

**Education and Language Acquisition: 6 credits**

Two Language Courses 6

*(No exemption credit will be given for previous knowledge of a foreign language.)***Liberal Arts: 4 credits**

\*Integrating Seminar: Liberal Arts Cluster LIB110 1

*(International studies students must enroll in an International cluster)*

Humanism, Science and Technology: Liberal Arts Seminar LIB200 3

*(Students will be encouraged to select one of the LIB200 seminars that focus on International topics)***Math, Engineering & Computer Science: 3 credits**

Elementary Statistics I MAT120 3

**Natural Sciences: 4 credits***Select one of the following courses:*

Principles of Biology SCB115 4

Foundations of Chemistry SCC210 4

**Social Science: 15 credits***Select three of the following courses:*

Introduction to Anthropology SSA100 9

Cultural Anthropology SSA101

International Economics SSE105

World Geography SSE125

World History from Ancient Times to 1500 SSH105

World History from 1500 to the Present SSH106

Global Politics SSP200

*Select two of the following courses:*

Anthropology of Latin America SSA106 6

Peoples and Cultures of the Caribbean SSA120

American History I SSH101

American History II SSH102

Afro-American History SSH231

Western Civilization From Ancient Times to the Renaissance SSH103

Western Civilization from the Renaissance to Modern Times SSH104

East Asian Civilization and Cultures SSH110

Survey of Latin American and Caribbean History SSH232

Politics of Latin America and the Caribbean SSP220

**Humanities: 6 credits***Select two of the following courses:* 6

Music of Latin America HUM107

Philosophy of Religion HUP105

Social and Political Philosophy HUP106

Introduction to African Art HUA167

**Literature: 3 credits***Select one of the following courses:* 3

Contemporary Francophone Literature in Translation ELF250

Contemporary Latin American Fiction in Translation ELS250

The Novel ENG260

World Literatures Written In English ENG295

**Cooperative Education: 6 credits**

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)***Urban Study Elective: 3 credits\*\*** 3**Unrestricted Electives: 2 credits** 2**\*Introductory Cluster Requirement**

An Introductory Cluster containing four courses with an Integrated Seminar (LIB110 1 credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take Composition I ENG101. Extended day students may substitute a Liberal Arts elective.

**TOTAL CREDITS: 60**

\*\*One elective must be urban study course. See page 189 for these courses.

## HISTORY OPTION

### Counseling

New Student Seminar 0

### English: 11 credits

Composition I ENG101 3

Writing Through Literature ENG102 3

Preparing and Writing the Research Paper ENG103 2

Liberal Arts Elective 3

### Humanities: 3 credits

Liberal Arts Elective 3

### Education and Language Acquisition: 3 credits

Study of Language ELL101 3

### English/Humanities: 3 credits

Liberal Arts Elective 3

### Liberal Arts: 4 credits

Integrating Seminar: Liberal Arts Cluster LIB110\* 1

Humanism, Science & Technology LIB200 3

### Math, Engineering and Computer Science: 3 credits

Select one of the following courses: 3

College Algebra and Trigonometry MAT115

Elementary Statistics I MAT120

### Natural Sciences/Math, Engineering and Computer Science: 7 credits

Liberal Arts Lab Science 4

Mathematics/ Science Liberal Arts Elective 3

*(for Natural Sciences select only course designations beginning with SCB, SCC, SCH, or SCP)*

### Social Science: 9 credits

Select one of the following courses: 3

Introduction to Anthropology SSA100

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

U.S. Power and Politics SSP101

Political Ideals and Ideologies SSP250

Introduction to Sociology SSS100

General Psychology SSY101

*Select two of the following courses:*

6

Themes in American History to 1865 SSH101

Themes in American History since 1865 SSH102

Western Civilization from Ancient Times to the Renaissance SSH103

Western Civilization from the Renaissance to Modern Times SSH104

World History from Ancient Times to 1500 SSH105

World History from 1500 to the Present SSH106

East Asian Civilization and Societies SSH110

Afro-American History SSH231

Survey of Latin American and Caribbean History SSH232

### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

### Liberal Arts Electives: 6 credits

*Select two of the following courses:* 6

Themes in American History to 1865 SSH101

Themes in American History since 1865 SSH102

Western Civilization from Ancient Times to the Renaissance SSH103

Western Civilization from the Renaissance to Modern Times SSH104

World History from Ancient Times to 1500 SSH105

World History from 1500 to the Present SSH106

East Asian Civilization and Societies SSH110

Afro-American History SSH231

Survey of Latin American and Caribbean History SSH232

### Unrestricted Electives: 5 credits

5

One elective must be an urban study course

### \*Introductory Cluster Requirement

An Introductory Cluster containing four courses with an Integrated Seminar (LIB110 1 credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take Composition I ENG101. Extended day students may substitute a Liberal Arts elective.

**TOTAL CREDITS: 60**

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

**LABOR AND COMMUNITY ORGANIZING OPTION**
**Counseling**

New Student Seminar 0

**English: 11 credits**

Composition I ENC/G101 3

Writing through Literature ENG102 3

Preparing and Writing the Research Paper ENG103 2

 Journalism: The Craft of Gathering and Reporting  
the News ENG211 3

**Humanities: 3 credits**

Fundamentals of Speech Communication HUC101 3

**English/Humanities: 3 credits**

Public Speaking HUC106 3

**Liberal Arts: 4 credits**

Integrating Seminar: Liberal Arts Cluster LIB110\* 1

 Humanism, Science, and Technology: Liberal Arts  
Seminar LIB200 3

**Math, Engineering & Computer Science: 3 or 4 credits**
*Select one of the following courses:* 3-4

Mathematics and the Modern World MAT107

Elementary Statistics I MAT120

Precalculus MAT200

**Natural Sciences/Health Sciences/Math, Engineering &  
Computer Science: 6 credits**

Liberal Arts Lab Science Elective 3

*(For Natural Sciences/Health Sciences, select only course  
designations beginning with SCB, SCC, SCH, or SCP.)*

Liberal Arts Elective 3

**Social Science: 9 credits**

Introduction to Sociology SSS100 3

Social Movements SSS102 3

Introduction to Labor and Community Organizing SSN103 3

**Cooperative Education: 6 credits**

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take  
CEP121. Extended Day students may take CEP201 or an  
unrestricted elective course.)*
**Liberal Arts Electives: 6 credits**

Community Dynamics: Impact on Human Services HSN103 3

*Select one of the following courses:* 3

Themes in American History to 1865 SSH101

Themes in American History since 1865 SSH102

**Unrestricted Electives: 9 credits**

Computers and Society BTC/SSD105 3

*Select two of the following courses:* 6

Conflict Resolution HSC160

The Urban Economy SSN189\*\*

Practical Politics of New York City SSN192\*\*

Urban Anthropology SSN182\*\*

Women in Society SSN210\*\*

Perspectives on Homelessness HSN110

Leadership SSN190\*\*

History of Minorities SSN183\*\*

Environmental Psychology SSN184\*\*

Sociology of Black Community SSN186\*\*

Urban Black Psychology SSN280\*\*

History of New York City SSN240\*\*

**\*Introductory Cluster Requirement**

 An Introductory Cluster containing four courses with an  
Integrated Seminar (LIB110 1 credit) is required for all DAY stu-  
dents; students must take the Cluster during the 12-week session  
when they take Composition I ENG101. Extended day students  
may substitute a Liberal Arts elective.

**TOTAL CREDITS: 60/61**

 \*\* One elective must be an urban study course. See page 189 for  
these courses.

 Note: Students should consult with a counselor and/or faculty advi-  
sor in the selection of elective courses to ensure maximum transfer-  
ability of credits taken.

OR

**LATIN AMERICAN STUDIES OPTION**

**Counseling**

New Student Seminar 0

**English: 11 credits**

Composition I ENC/G101 3

Writing Through Literature ENG102 3

Preparing and Writing the Research Paper ENG103 2

Liberal Arts Elective 3

**Humanities: 3 credits**

Liberal Arts Elective 3

**English/Humanities: 3 credits**

Liberal Arts Elective 3

**Liberal Arts: 4 credits**

Integrating Seminar: Liberal Arts Cluster LIB110\* 1

Humanism, Science and Technology: Liberal Arts Seminar LIB200 3

**Math, Engineering & Computer Science: 3 credits**

Liberal Arts Elective 3

**Natural Sciences/Math, Engineering and Computer Science: 6 credits**

Liberal Arts Science Elective 3

Liberal Arts Science or Math Elective 3

**Social Science: 9 credits**

*Select one of the following courses:* 3

Introduction to Sociology SSS100 3

Themes in American History to 1865 SSH101 3

Themes in American History since 1865 SSH102 3

Western Civilization from Ancient Times to the Renaissance SSH103 3

Western Civilization from the Renaissance to Modern Times SSH104 3

World History from Ancient Times to 1500 SSH105 3

World History from 1500 to the Present SSH106 3

East Asian Civilization and Societies SSH110 3

Afro-American History SSH231 3

Survey of Latin American and Caribbean History SSH232 3

Introduction to Anthropology SSA100 3

Cultural Anthropology SSA101 3

U.S. Power and Politics SSP101 3

Political Ideas and Ideologies SSP250 3

Introduction to Microeconomics SSE103 3

Introduction to Macroeconomics SSE104 3

General Psychology SSY101 3

*Select one of the following courses:* 3

Themes in American History to 1865 SSH101 3

Themes in American History since 1865 SSH102 3

Western Civilization from Ancient Times to the Renaissance SSH103 3

Western Civilization from the Renaissance to Modern Times SSH104 3

World History from Ancient Times to 1500 SSH105 3

World History from 1500 to the Present SSH106 3

East Asian Civilization and Societies SSH110 3

Afro-American History SSH231 3

Survey of Latin American and Caribbean History SSH232 3

Liberal Arts Elective 3

**Cooperative Education: 6 credits**

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

**Liberal Arts Electives: 6 credits**

*Students in the Latin American Studies Option take the following courses:* 3

Latin American Literature 1 ELS200 3

Latin American Literature 2 ELS201 3

**Unrestricted Electives: 9 credits**

*Students in the Latin American Studies Option take the following courses:*

Latin American Civilizations ELS204 3

Advanced Spanish Composition ELS210 3

Introduction to Bilingualism ELN101 3

**\*Introductory Cluster Requirement**

An Introductory Cluster containing four courses with an Integrated Seminar (LIB110 1 credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take Composition I ENG101. Extended day students may substitute a Liberal Arts elective.

**TOTAL CREDITS: 60**



OR

**MEDIA STUDIES OPTION**

**Counseling**

New Student Seminar 0

**English: 11 credits**

Composition I ENC/G101 3

Writing Through Literature ENG102 3

Preparing and Writing the Research Paper ENG103 2

Liberal Arts Elective 3

**Humanities: 3 credits**

Liberal Arts Elective 3

**English/Humanities: 3 credits**

Liberal Arts Elective\*\*\* 3

**Liberal Arts: 4 credits**

Integrating Seminar: Liberal Arts Cluster LIB110\* 1

Humanism, Science & Technology: Liberal Arts Seminar LIB200 3

**Math, Engineering & Computer Science: 3 credits**

Liberal Arts Elective 3

**Natural Sciences/Health Sciences/Math, Engineering & Computer Science: 7 credits**

Liberal Arts Lab Science Elective 4

Liberal Arts Science or Math Elective 3

*(For Natural Sciences/Health Sciences, select only course designations beginning with SCB, SCC, SCH, or SCP.)*

**Social Science: 9 credits**

Art and Society HUN192\*\* 3

*Select one of the following courses:*

Any history course except SSN183, SSN199, SSN240

Introduction to Anthropology SSA100

Cultural Anthropology SSA101

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

U.S. Power and Politics SSP101

Political Ideas and Ideologies SSP250

Introduction to Sociology SSS100

General Psychology SSY101

*Select one of the following courses:* 3

Themes in American History to 1865 SSH101

Themes in American History since 1865 SSH102

Western Civilization from Ancient Times to the Renaissance SSH103

Western Civilization from the Renaissance to Modern Times SSH104

World History from Ancient Times to 1500 SSH105

World History from 1500 to the Present SSH106

East Asian Civilization and Societies SSH110

Afro-American History SSH231

Survey of Latin American and Caribbean History SSH232

**Cooperative Education: 6 credits**

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

**Liberal Arts Electives: 6 credits**

*Students in the Media Studies option take the following courses:*

Introduction to Mass Media HUC120 3

Art of Film HUC150 3

**Restricted Electives: 6 credits**

*Students in the Media Studies option take the following courses:*

American Film HUC270 3

Video Production HUC240 3

**Unrestricted Elective: 2 credits**

3 2

**\* Introductory Cluster Requirement**

An Introductory Cluster containing four courses with an Integrated Seminar (LIB110 1 credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take Composition I ENG101. Extended day students may substitute a Liberal Arts elective.

**TOTAL CREDITS: 60**



**For the Media Studies/  
New Media Technology/  
Digital Media Arts  
Certificate, see page 37**

\*\*Fulfills urban study requirement.

\*\*\* Screenwriting HUC/ENG238 is the elective recommended to meet this requirement

OR

**PSYCHOLOGY OPTION**

**Counseling**

New Student Seminar

0

**English: 11 credits**

Composition I ENC/G101

3

Writing Through Literature ENG102

3

Preparing and Writing the Research Paper ENG103

2

Liberal Arts Elective

3

**Humanities: 3 credits**

Liberal Arts Elective

3

**Education and Language Acquisition: 3 credits**

Study of Language ELL101

3

**English/Humanities: 3 credits**

Liberal Arts Elective

3

**Liberal Arts: 4 credits**

Integrating Seminar: Liberal Arts Cluster LIB110\*

1

Humanism, Science & Technology LIB200

3

**Math, Engineering & Computer Science: 3 credits**

Select one of the following courses:

College Algebra and Trigonometry MAT115

3

Elementary Statistics I MAT120

**Math, Engineering & Computer Science/Natural Sciences: 7 credits**

Select one of the following courses:

Principles of Biology SCB115

4

Foundations of Chemistry SCC210

Liberal Arts Elective

3

**Social Science: 9 credits**

General Psychology SSY101

3

Developmental Psychology I SSY240

3

Select one of the following courses:

3

Themes in American History to 1865 SSH101

Themes in American History since 1865 SSH102

Western Civilization from Ancient Times to the Renaissance SSH103

Western Civilization from the Renaissance to Modern Times SSH104

World History from Ancient Times to 1500 SSH105

World History from 1500 to the Present SSH106

East Asian Civilization and Societies SSH110

Afro-American History SSH231

Survey of Latin American and Caribbean History SSH232

**Cooperative Education: 6 credits**

Fundamentals of Professional Advancement CEP121

3

Full-Time Internship CEP201

3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

**Liberal Arts Electives: 6 credits**

Select two of the following courses:

6

Personality SSY200

Abnormal Psychology SSY230

Developmental Psychology II SSY241

Social Psychology SSY250

**Unrestricted Electives: 5 credits\*\***

One elective must be an urban study course.

**\*Introductory Cluster Requirement**

An introductory cluster containing four courses with an Integrating Seminar (LIB110, or one credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take Composition I ENC/G101. Extended Day students may substitute a liberal arts elective.

**TOTAL CREDITS: 60**

\*\*Fulfills urban study requirement.

OR

**THEATER AND COMMUNICATION OPTION**

**Not accepting new students**

For AS Degree in Theatre, see page 82

Note: Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

## Liberal Arts: Mathematics and Science Curriculum: AS Degree

### Counseling

New Student Seminar 0

### English: 8 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

Preparing and Writing the Research Paper ENG103 2

### Humanities: 3 credits

Liberal Arts Elective 3

### English/Humanities: 3 credits

Liberal Arts Elective 3

### Liberal Arts: 4 credits

Integrating Seminar: Liberal Arts Cluster LIB110\* 1

Liberal Arts Seminar: Humanism, Science &

Technology LIB200 3

### Social Science: 9 credits

Liberal Arts Elective 3

*Select one of the following courses:* 3

Introduction to Anthropology SSA100

Cultural Anthropology SSA101

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

U.S. Power and Politics SSP101

Political Ideas and Ideologies SSP250

Introduction to Sociology SSS100

General Psychology SSY101

*Select one History course from the following:* 3

Themes in American History to 1865 SSH101

Themes in American History since 1865 SSH102

Western Civilization from Ancient Times to the Renaissance SSH103

Western Civilization from the Renaissance to Modern Times SSH104

World History from Ancient Times to 1500 SSH105

World History from 1500 to the Present SSH106

East Asian Civilization and Societies SSH110

Afro-American History SSH231

Survey of Latin American and Caribbean History SSH232

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

*At least one math course numbered MAT115 or higher and one laboratory science course must be included. Students may follow one of the suggested patterns below:*

#### > Biology

Fundamentals of Biology I SCB201

Fundamentals of Biology II SCB202

General Chemistry SCC201

General Chemistry II SCC202

Electives from Natural Sciences\*\*

Precalculus MAT200

### Math, Engineering & Computer Science/Natural Sciences, cont.

#### > Chemistry

General Chemistry I SCC201

General Chemistry II SCC202

Organic Chemistry I SCC251

Organic Chemistry SCC252

Calculus I MAT201

Calculus II MAT202

Electives from Natural Sciences or Mathematics, Engineering and Computer Science Departments\*\*

*For Natural Sciences, select only course designations beginning with SCB, SCC, SCH, or SCP.*

#### > Mathematics

College Algebra and Trigonometry MAT115\*\*\*

Precalculus MAT200 if needed

Calculus I MAT201

Calculus II MAT202

Calculus III MAT203

*Choose 5-12 credits from the following courses:*

Elementary Statistics I MAT120

Elementary Statistics II MAT121

Linear Algebra MAT210

Introduction to Discrete Mathematical Structures MAT230

Elementary Differential Equations MAT204

Introduction to Probability MAT221

Engineering Laboratory I MAE101

Engineering Laboratory II MAE103

General Physics I SCP231

General Physics II SCP232

General Chemistry I SCC201

General Chemistry II SCC202

### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

### Unrestricted Electives: 3 credits

One elective must be urban study course. See page 171. 3

### \*Introductory Cluster Requirement

An Introductory Cluster containing four courses with an Integrated Seminar (LIB110 1 credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take Composition I ENG101. Extended day students may substitute a Liberal Arts elective.

**TOTAL CREDITS: 60**

\*\* To be chosen by the student in consultation with a faculty advisor.

\*\*\*MAT115 is a prerequisite for MAT200.

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

## ACTUARY SCIENCE

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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

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*Note:* Students should consult with a faculty advisor in the Mathematics Department regarding selection of elective courses to ensure maximum transferability of credits taken and the best examination preparation sequence.

# Music Recording Technology

[www.laguardia.edu/majors](http://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 169.

Descriptions of courses in this major begin on page 137.

## Music Recording Technology Curriculum: AAS Degree

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

### Humanities: 12 credits

Music Theory I or II HUM140 or 141 3

American Music HUM210 3

Music Audio Recording HUM146 3

Critical Thinking HUP102 3

### Math, Engineering & Computer Science: 3 credits

College Algebra and Trigonometry MAT115 3

### Business and Technology: 3 credits

Organizing and Operating a Small Business BTM150\* 3

### Social Science: 6 credits

*Select two of the following:* 6

Introduction to Anthropology SSA100

Cultural Anthropology SSA101

Introduction to Microeconomics SSE103

Introduction to Macroeconomics SSE104

Themes in American History to 1865 SSH101

Themes in American History since 1865 SSH102

Western Civilization from Ancient Times to the Renaissance SSH103

Western Civilization from the Renaissance to Modern Times SSH104

World History from Ancient Times to 1500 SSH105

World History from 1500 to the Present SSH106

East Asia Civilization and Societies SSH110

Afro-American History SSH231

Survey of Latin American and Caribbean History SSH232

U.S. Power and Politics SSP101

Political Ideas and Ideologies SSP250

Introduction to Sociology SSS100

General Psychology SSY101

### Cooperative Education: 3 credits

Fundamentals of Professional Advancement CEP121 3

### Music Technology Courses: 27 credits

*(to be taken at the Institute of Audio Research)*

Audio Electronics, HUX101; Basics of Digital Audio, HUX102; Ear Training and Acoustics, HUX103; The Business of Music, HUX104; Audio Processing and Storage, HUX105; Digital Music Production, HUX106; Microphones, Amplifiers and Speakers, HUX107; Mixing Music I (Analog Processors,) HUX108; MIDI Applications, HUX109; Recording Workshop, HUX110; Mixing Music 2 (Digital Processors,) HUX111; Post-Production Audio, HUX112; Industry Practicum, HUX114

**TOTAL CREDITS: 60**

\*Prerequisite for Music Recording Technology Program: CSE099, ENA/G099/ENC101

# Nursing

## *(Registered Nursing)*

[www.laguardia.edu/majors](http://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 approved by the NYS Education Department ([www.op.nyed.gov](http://www.op.nyed.gov)) and fully accredited by the National League for Nursing. Information regarding the accreditation status of the RN Program may be attained by contacting the National League for Nursing Accrediting Commission, Inc. 61 Broadway, 33rd floor, New York, NY 10006, (212) 363-5555 ([www.nlnac.org](http://www.nlnac.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 and the RN Fact Sheet. The RN Fact Sheet is available to all pre-clinical students from the Nursing Office (E300). The Nursing Handbook is available once students begin the clinical phase of the Program.

The RN Fact Sheet provides general RN Program 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 preceding 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 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 124. Additional program information can be found on page 200.

## Nursing (RN) Curriculum: AAS Degree

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101\* 3

Writing Through Literature ENG102 3

### Natural Sciences: 16 credits

Foundations of Chemistry SCC210\* 4

Human Anatomy and Physiology I SCB203\* 4

Human Anatomy and Physiology II SCB204 4

General Microbiology SCB260 4

### Social Science: 9 credits

General Psychology SSY101\* 3

Developmental Psychology I SSY240 3

Urban Sociology SSN187 3

### Math, Engineering & Computer Science: 2 credits

Mathematics of Medical Dosages MAT106 2

### Nursing: 33 credits

Fundamentals of Nursing SCR110 6

Perspectives of Nursing SCR150 1

Psychiatric Mental Health Nursing SCR200 3

Medical Surgical Nursing I SCR210 5

Trends in Nursing SCR260 1

Parent-Child Health Nursing SCR270 8

Medical Surgical Nursing II SCR290 9

**TOTAL CREDITS: 66**

\* Pre-Clinical Nursing Key Courses

### 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 (4399) 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 259.
- > 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 NAS 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 MAT106.
- > 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.

**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](http://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 injuries, developmental impairment, aging, mental health concerns or other disabilities.

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 tasks 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 admitted into this program since Fall 1994 are considered to be in the “pre-clinical” phase of the major. To progress to the “clinical” phase, students must meet specific criteria described in the program’s handbook. These handbooks are available in the Program office, E-300. 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 due to limited program capacity. 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, P.O. Box 31220, Bethesda, MD 20824-1220. AOTA’s telephone number is (301) 652-AOTA.

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 without a credentialing examination. Credentialing requirements for other states may include passing the NBCOT examination. A felony conviction may affect a graduate’s ability to sit for the NBCOT certification examination or attain state licensure. 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 should be completed within four years.

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 169.

Descriptions of courses in this major begin on page 126.

## Occupational Therapy Assistant Curriculum: AAS Degree

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101\* 3

Writing Through Literature ENG102 3

### Humanities: 3 credits

Liberal Arts Elective 3

### Natural Sciences: 8 credits

Human Anatomy and Physiology I SCB203\* 4

Human Anatomy and Physiology II SCB204 4

### Health Sciences: 2 credits

Community Health SCN195\* 2

### Social Science (Psychology): 9 credits

General Psychology SSY101\* 3

Abnormal Psychology SSY230 3

Developmental Psychology I SSY240 3

### Occupational Therapy Foundations and Skills: 20 credits

Introduction to Occupational Therapy SCO101 3

Legal and Ethical Aspects of Occupational Therapy SCO110 2

Documentation in Occupational Therapy SCO114 2

Clinical Reasoning in Occupational Therapy SCO175 2

Physical Aspects of Human Growth & Development SCO200 2

Occupational Therapy Skills and Functional Activities I SCO214 3

Occupational Therapy Skills and Functional Activities II SCO215 3

Functional Pathology SCO 230 3

### Occupational Therapy Theory and Practice: 8 credits

Occupational Therapy Process: Psychosocial Dysfunction and Geriatric Conditions SCO204 4

Occupational Therapy Process: Physical and Developmental Disabilities SCO205 4

### Cooperative Education: (Fieldwork): 7 credits

Occupational Therapy Clerkship for Psychosocial/Dysfunction and Geriatric Conditions SCO284 1.5

Occupational Therapy Clerkship for Physical/Developmental Disabilities SCO285 1.5

Occupational Therapy Fieldwork in Psychosocial Dysfunction and Geriatric Conditions SCO294 2

Occupational Therapy Fieldwork in Physical and Developmental Disabilities SCO295 2

**TOTAL CREDITS: 63**

\* Pre-Clinical Occupational Therapy key courses.

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

# Paralegal Studies

[www.laguardia.edu/majors](http://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 169.

Descriptions of courses in this major begin on page 196.



## Paralegal Studies Curriculum: AAS Degree

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

### Humanities: 6 credits

Liberal Arts Elective\* 3

*Select one of the following courses:* 3

Public Speaking HUC106

Voice and Diction HUC104

Communication in a Professional Setting HUC108

### Math, Engineering & Computer Science: 3 - 4 credits\*\*

*Select one of the following courses:* 3-4

Elementary Statistics I MAT120

Precalculus MAT200

### Social Science: 6 credits

Liberal Arts Elective\* 3

*Select one of the following courses:* 3

Any history course except SSN183, SSN199, SSN240

Cultural Anthropology SSA101

Introduction to Anthropology SSA100

U.S. Power and Politics SSP101

Introduction to Sociology SSS100

General Psychology SSY101

### Business and Technology: 10 credits

Principles of Accounting I BTA111 4

Introduction to Business BTM101 3

Business Law I BTM110 3

### Paralegal Studies: 21 credits

Introduction to Paralegal Studies BTP101 3

Legal Research and Writing BTP204 3

Civil Litigation BTP205 3

Computer Applications for Paralegals BTP211 3

*Select any three of the following courses:* 9

Administrative Law BTP201

Wills, Trusts and Estates BTP202

Family Law BTP203

Real Estate Law for Paralegals BTP207

The Law of Business Enterprises for Paralegals BTP208

Criminal Law and Procedure BTP209

Immigration Law BTP212

### Internship: 6 credits

People, Work and Organizations BTI121 3

Business Internship BTI201 3

*(Both Day and Extended Day students are required to take BTI121. Extended Day students may take BTI201 or an unrestricted elective course.)*

**Unrestricted Electives: 1 or 2 credits\*\*** 1-2

**TOTAL CREDITS: 60**

\* Either the Humanities Liberal Arts elective or the Social Science Liberal Arts elective must be an urban study course. See page 171.

\*\*Students who take MAT120 must take at least 2 credits of Unrestricted Electives. Students who take MAT200 must take at least 1 credit of Unrestricted Electives.

# Philosophy

[www.laguardia.edu/majors](http://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 169.

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

# Philosophy Curriculum: AS Degree

## Counseling

New Student Seminar

0

## English: 11 credits

Composition I ENC/G101

3

Writing Through Literature ENG102

3

Preparing and Writing the Research Paper ENG103

2

Liberal Arts Elective

3

## Humanities: 3 credits

Introduction to Philosophy HUP101

3

## English/Humanities: 3 credits

Liberal Arts Elective

3

## Liberal Arts: 4 credits

Integrating Seminar: Liberal Arts Cluster LIB110\*

1

Humanism, Science & Technology LIB200

3

## Math, Engineering & Computer Science: 3 credits

*Select one of the following courses:*

Mathematics and the Modern World MAT107

3

College Algebra and Trigonometry MAT115

## Natural Sciences/Health Sciences/Math, Engineering & Computer Science: 6 credits

Liberal Arts Science or Math Elective

2

*(For Natural Sciences/Health Sciences, select only course designations beginning with SCB, SCC, SCH, or SCP.)*

*Select one of the following courses:*

Principles of Biology SCB115

4

Foundations of Chemistry SCC210

## Social Science: 9 credits

Introduction to Intercultural Communication HUN/SSN180\*\*

3

*Select one of the following courses:*

Any history course except SSN183, SSN199, SSN240

3

Introduction to Anthropology SSA100

Cultural Anthropology SSA101

U.S. Power and Politics SSP101

Political Ideas and Ideologies SSP250

Introduction to Sociology SSS100

General Psychology SSY101

3

3

3

3

3

3

## Social Science, continued

*Select one of the following courses:*

3

Themes in American History to 1865 SSH101

Themes in American History since 1865 SSH102

Western Civilization from Ancient Times to the Renaissance

SSH103

Western Civilization from the Renaissance to Modern Times

SSH104

World History from Ancient Times to 1500 SSH105

World History from 1500 to the Present SSH106

East Asian Civilization and Societies SSH110

Afro-American History SSH231

Survey of Latin American and Caribbean History SSH232

## Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP 121

3

Full-Time Internship CEP201

3

*(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)*

## Liberal Arts Electives: 6 credits

*Select two of the following courses:*

6

Ethics and Moral Issues HUP104

Social and Political Philosophy HUP106

Aesthetics: Philosophy of Art and Beauty HUP107

## Restricted Electives: 9 credits

*Select three of the following courses:*

9

Critical Thinking HUP102

Philosophy of Religion HUP105

Environmental Ethics HUP108

Logic and Philosophy HUP112

Medical Ethics HUP114

## \*Introductory Cluster Requirement

An introductory cluster containing four courses with an Integrating Seminar (LIB110, or one credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take Composition I ENC/G101. Extended Day students may substitute a liberal arts elective.

**TOTAL CREDITS: 60**

\*\* Fulfills urban study requirement

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

# Physical Therapist Assistant

[www.laguardia.edu/majors](http://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](http://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 E-300 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 169.

Descriptions of courses in this major begin on page 128.

## Physical Therapist Assistant Curriculum: AAS Degree

<b>Counseling</b>	
New Student Seminar	0
<b>English: 6 credits</b>	
Composition I ENC/G101*	3
Writing Through Literature ENG102	3
<b>Natural Sciences: 8 credits</b>	
Human Anatomy and Physiology I SCB203*	4
Human Anatomy and Physiology II SCB204	4
<b>Health Sciences: 8 credits</b>	
Community Health SCN195*	2
Functional Pathology SCO230	3
Aging and Health SCH111	3
<b>Social Science: 6 credits</b>	
General Psychology SSY101*	3
Developmental Psychology I SSY240	3
<b>Physical Therapist Assistant: 29 credits</b>	
Introduction to Physical Therapy SCT101	2
Ethical Concepts for PTA's SCT102	2
Clinical Kinesiology SCT203	4
Therapeutic Procedures I SCT211	4
Therapeutic Procedures II SCT212	3
Mobility Skills in Physical Therapy SCT220	3
Functional Gait Training Skills SCT221	3
Orthopedic Therapeutic Exercise SCT230	4
Neuromuscular Rehabilitation SCT231	4
<b>Affiliations: 8 credits</b>	
Physical Therapist Assistant Clinical Affiliation and Seminar I SCT290	2
Physical Therapist Assistant Clinical Affiliation and Seminar II SCT291	3
Physical Therapist Assistant Clinical Affiliation and Seminar III SCT292	3
<b>Liberal Arts Electives: 3 credits</b>	
<i>Select one of the following courses:</i>	3
Public Speaking HUC106	
Critical Thinking HUP102	
Group Dynamics SSY260	
<b>Volunteer Work</b>	
50 Hours of volunteer work in a Physical Therapy Department	0

**TOTAL CREDITS: 68**

\* Pre-Clinical Physical Therapy Key Courses

*Note:* Students should consult with a counselor and /or program faculty in the selection of elective courses to ensure maximum transferability of credits taken.



# Practical Nursing Certificate

[www.laguardia.edu/majors](http://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](http://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 12 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 "pre-clinical" phase of the major. To progress to the "clinical" 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 259.

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 259.

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 two 6-week semesters. The clinical experiences in area institutions which supplement classroom theory are *continued on next page*

*Practical Nursing Certificate, continued from previous page*

provided in a variety of practice settings, including hospitals, nursing homes and community health care facilities.

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 200.
- > 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 NAS 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 preceeding 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

<b>Counseling</b>	
New Student Seminar	0
<b>English: 3 credits</b>	
Composition I ENC/G101*	3
<b>Natural Sciences: 8 credits</b>	
Human Anatomy and Physiology I SCB203*	4
Human Anatomy and Physiology II SCB204	4
<b>Social Science: 6 credits</b>	
General Psychology SSY101*	3
Developmental Psychology SSY240	3
<b>Math, Engineering &amp; Computer Science: 2 credits</b>	
Mathematics of Medical Dosages MAT106*	2
<b>Practical Nursing: 29 credits</b>	
<i>12-week semester I: 14 credits</i>	
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
<i>6-week semester II: 6 credits</i>	
Parent-Child Nursing SCL114	6
<i>12-week semester III: 12 credits</i>	
Mental Health Nursing SCL105	3
The Science and Art of Nursing: Transition from Student to Graduate Practical Nurse SCL118	2
Medical Nursing II SCL119	7
<b>TOTAL CREDITS: 48</b>	

\* Pre-clinical Key Courses

# Radiologic Technology

[www.laguardia.edu/majors](http://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 E-300.

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 169.

Descriptions of courses in this major begin on page 129.

## Radiologic Technology Curriculum: AAS Degree

<b>Counseling</b>	
New Student Seminar	0
<b>English: 6 credits</b>	
Composition I ENG101*	3
Writing Through Literature ENG102	3
<b>Natural Sciences: 8 credits</b>	
Human Anatomy and Physiology I SCB203*	4
Human Anatomy and Physiology II SCB204	4
<b>Math, Engineering &amp; Computer Science: 3 credits</b>	
College Algebra and Trigonometry MAT115*	3
<b>Social Science: 3 credits</b>	
Urban Sociology SSN187*;**	3
<b>Radiologic Technology: 47 credits</b>	
Radiologic Technology I SCX101	3
Radiologic Technology II SCX102	3
Radiologic Procedures I / w Lab SCX105	4
Radiographic Procedures II / w Lab SCX106	4
Clinical I SCX109	1
Principles of Radiologic Exposure I SCX110	3
Principles of Radiologic Exposure II SCX111	3
Clinical II SCX119	1
Clinical II SCX129	2
Radiation Technique III SCX201	3
Radiographic Procedures III w / Lab SCX205	4
Clinical IV SCX209	1
Clinical V SCX219	1
Clinical VI SCX229	2
Cross Sectional Anatomy SCX240	2
Pathology and Fracture Radiography SCX245	2
Imaging Modalities I SCX250	3
Imaging Modalities II SCX251	3
Film Evaluation and Critique SCX260	2

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**TOTAL CREDITS: 67**

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\* Pre-Clinical Radiologic Technology Courses

\*\* The Prerequisite for SSN187 is waived for students in the Radiologic Technology program.

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

# School Foodservice Management

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

Admission to the School Foodservice Management Program is available only to students referred to LaGuardia by District Council 37/Local 372 and/or the New York City Office of School Food and Nutrition Services. Those referred are employed in school foodservice positions, such as school lunch assistants, school lunch aides and school lunch helpers.

The School Foodservice Management program at LaGuardia awards the Associate in Science (AS) degree to those who successfully complete the program. The degree fulfills the academic requirements for eligibility for promotion to a school lunch manager position with the Office of School Food and Nutrition Services, NYC Department of Personnel. Students may also choose to pursue their bachelor's degree at a senior college of their choice.

Cooperative education internships are completed at students' school work sites under the direction of their district supervisors. The internships are accompanied by internship seminars, designed to assist students with problems and to provide reinforcement for technical and human relations skills.

Applications for the program are submitted through the District Council 37 Education Fund. The basic skills testing and any additional basic skills courses required in reading, writing and mathematics are also provided by the Education Fund of District Council 37. Courses in Foodservice Management are offered in the day and evening in consideration of students' work schedules.

Descriptions of courses in this major begin on page 121.

## School Foodservice Management Curriculum: AS Degree

<b>Counseling</b>	
New Student Seminar	0
<b>English: 6 credits</b>	
Composition I ENC/G101	3
Writing Through Literature ENG102	3
<b>Humanities: 3 credits</b>	
Public Speaking HUC106	3
<b>Math, Engineering &amp; Computer Science: 3 credits</b>	
Mathematics and the Modern World MAT107	3
<b>Health Sciences: 5 credits</b>	
Community Health SCN195	2
Introductory Nutrition SCD200	3
<b>Natural Sciences: 4 credits</b>	
Foods Microbiology SCB160	4
<b>Social Science: 9 credits</b>	
Introduction to Sociology SSS100	3
General Psychology SSY101	3
Urban Sociology SSN187	3
<b>Business and Technology: 3 credits</b>	
Principles of Management BTM103*	3
<b>Foodservice Management: 18 credits</b>	
Foods SCD100	3
Introduction to Culinary Arts SCD205	3
Production Management SCD250	3
Principles of Sanitation SCD251	3
Quantity Food Purchasing SCD252	3
Foodservice Administration SCD253	3
<b>Cooperative Education: 6 credits</b>	
Gateway to the Workplace CEP100	1
Part-Time Internship CEP151	2
Full-Time Internship CEP201	3
<b>Liberal Arts Electives: 3 credits</b>	
Any course in Communication Skills; Education and Language Acquisition; English; Human Services; Humanities; Library; Mathematics, Engineering, and Computer Science; Natural Sciences; Health Sciences; or Social Science EXCEPT when noted as unrestricted elective in DegreeWorks or College Catalog. See page 171 for these courses.	

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**TOTAL CREDITS: 60**

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*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

\* The Prerequisite for BTM103 is waived for students in the School Foodservice Management program.



# Spanish-English Translation

[www.laguardia.edu/majors](http://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 169.

Descriptions of courses in this major begin on page 105.



EDWARD HOLLINS / LAGUARDIA COMMUNITY COLLEGE

## Spanish-English Translation Curriculum: AA Degree

### Counseling

New Student Seminar 0

### English: 15 credits

Composition 1 ENC/ENG101 3

Writing Through Literature ENG102 3

English Grammar and Syntax ENG/ELL110 3

*Select two of the following courses:* 6

Afro-American Literature ENG225

Images of Women in Literature ENG245

The Woman Writer ENG247

Latino/Latina Writing of the U.S. ENG248

The Short Story ENG250

Sexuality in Literature ENG252

The Novel ENG260

The Drama ENG265

Shakespeare ENG266

### Humanities: 6 credits

Argumentation and Debate HUC109 3

The Art of Film HUC150 3

### Education and Language Acquisition: 18 credits

The Study of Language ELL101 3

Spanish Grammar and Usage ELS209 3

Advanced Spanish Composition ELS210 3

*Select two courses of the following courses:* 6

Latin American Literature ELS200

Latin American Civilizations ELS204

Spanish Literature 2 ELS212

*Select one of the following urban study courses:* 3

Introduction to Bilingualism ELN101

The Puerto Rican Community ELN194

### Mathematics, Engineering & Computer Science: 3/4 credits

*Select one of the following courses:* 3/4

Elementary Statistics 1 MAT120

Pre-Calculus MAT200

### Social Science: 6 credits

*Select one of the following courses:* 3

Themes in American History to 1865 SSH101

Themes in American History since 1865 SSH102

*Select one of the following courses:* 3

Cultural Anthropology SSA101

U.S. Politics and Power SSP101

### Business and Technology: 3 credits

Introduction to Computers and Their Applications BTC100 3

### Cooperative Education: 6 credits

Foundation of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

### Liberal Arts Electives: 3 credits

*Select one of the following courses:* 3

Ethics and Moral Issues HUP104

Peoples and Cultures of the Caribbean SSA120

General Psychology SSY101

**TOTAL CREDITS: 60-61**

# Theatre Program

[www.laguardia.edu/majors](http://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 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 138.

## Theatre Curriculum: AS Degree

<b>Counseling</b>	
New Student Seminar	0
<b>English: 8 credits</b>	
Composition I ENG101	3
Writing Through Literature ENG102	3
Preparing and Writing the Research Paper ENG103	2
<b>Education and Language Acquisition: 3 credits</b>	
Introduction to Language ELL101	3
<b>Humanities: 27 credits</b>	
Theatre Production Workshop HUC195	3
New York Theatre Experience HUN245	3
Art of Theatre HUT101	3
Acting I HUT110	3
Acting II HUT111	3
Introduction to Design for the Theatre HUT122	3
Theatre: Pre-history to Renaissance HUT210	3
Theatre: Renaissance to Modern Times HUT211	3
<i>Select one of the following courses:</i>	3
American Musical Theatre Experience HUM201	
Acting for Screen HUT112	
Rehearsal and Performance HUT127	
Directing for the Stage HUT175	
<b>Health Sciences: 3 credits</b>	
Human Sexuality SCH210	3
<b>Math, Engineering &amp; Computer Science: 3 credits</b>	
College Algebra and Trigonometry MAT115	3
<b>Natural Sciences: 4 credits</b>	
Principles of Biology SCB115	4
<b>Social Science: 6 credits</b>	
Introduction to Sociology SSS 100	3
General Psychology SSY101	3
<b>Cooperative Education: 6 credits</b>	
Fundamentals of Professional Advancement CEP121	3
Full-Time Internship CEP201	3
(Required for the day students. Extended day students may take Co-op Internships or Elective Courses.)	

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**TOTAL CREDITS: 60**

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# Travel, Tourism and Hospitality Management

[www.laguardia.edu/majors](http://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 169.

Descriptions of courses in this major begin on page 97. *See next page for curriculum.*



ALVARO CORZO / LAGUARDIA COMMUNITY COLLEGE

## Travel, Tourism and Hospitality Management Curriculum: AAS Degree

<b>Counseling</b>		<b>Travel, Tourism &amp; Hospitality Management: 21 credits</b>	
New Student Seminar	0	Introduction to Travel, Tourism and Hospitality Management BTT101	3
<b>English: 6 credits</b>		Travel, Tourism and Hospitality Marketing BTN211	3
Composition I ENC/G101	3	World Travel and Tourism Destinations BTT202	3
Writing Through Literature ENG102	3	Travel, Tourism and Hospitality Technology Systems BTT203	3
<b>Humanities: 3 credits</b>		Customer Service and Sales BTT212	3
<i>Select one of the following courses:</i>	3	<b>For majors with concentration In Travel and Tourism:</b>	
Public Speaking HUC106		<i>Select two of the following courses:</i>	6
Voice and Diction HUC104		Travel Agency Operations and Management BTT221	
Communication in a Professional Setting HUC108		Special Interest Tourism BTT222	
Communication and the Non-Native Speaker HUL100		Meeting and Event Planning BTT223	
<b>Math, Engineering &amp; Computer Science: 3 credits</b>		Destination Tourism Management BTT224	
Elementary Statistics MAT120*	3	<b>For majors with concentration In Hospitality Management:</b>	
<b>Natural Sciences: 3/4 credits</b>		<i>Select two of the following courses:</i>	6
Liberals Arts Elective	3/4	Meeting and Event Planning BTT223	
<i>Select only course designations beginning with SCB, SCC, or SCP.</i>		Hotel and Lodging Operations and Management BTT231	
<b>Social Science: 6 credits</b>		Front Office Management BTT232	
Cultural Anthropology SSA101	3	Foods SCD100	
<i>Select one of the following courses:</i>	3	Production Management SCD250	
U.S. Power and Politics SSP101		<b>Internship: 6 credits</b>	
General Psychology SSY101		People, Work and Organizations BTI121	3
Introduction to Sociology SSS100		Business Internship BTI201	3
Introduction to Microeconomics SSE103		<i>Both Day and Extended Day students are required to take BTI121. Extended Day students may take BTI201 or an unrestricted elective course.)</i>	
Introduction to Macroeconomics SSE104		<b>Unrestricted Electives: 1/2 credits</b>	1/2
World Geography SSE125			
<b>Business and Technology: 10 credits</b>			
Introduction to Information Systems BTC200	3		
Principles of Accounting I BTA111	4		
Introduction to Business BTM101	3		

**TOTAL CREDITS: 60**

\* Precalculus, MAT200 or Calculus I, MAT201 can be used to satisfy this degree requirement.

*Note:* Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

# Veterinary Technology

[www.laguardia.edu/majors](http://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 169.

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 132.

## Veterinary Technology Curriculum: AAS Degree

<b>Counseling</b>	
New Student Seminar	0
<b>English: 6 credits</b>	
Composition I ENC/G101*	3
Writing Through Literature ENG102	3
<b>Humanities: 3 credits</b>	
Critical Thinking HUP102	
<b>Math, Engineering &amp; Computer Science: 2 credits</b>	
Medical Dosages MAT106*	2
<b>Social Science: 3 credits</b>	
<i>Select one of the following courses:</i>	3
Urban Anthropology SSN182	
Environmental Psychology SSN184	
Urban Sociology SSN187	
The Urban Economy SSN189	
<b>Natural Sciences: 13 credits</b>	
Vertebrate Anatomy and Physiology I SCB208	2
Vertebrate Anatomy and Physiology II SCB209	3
Foundations of Chemistry SCC210*	4
General Microbiology SCB260	4
<b>Veterinary Technology: 38 credits</b>	
Introduction to Veterinary Technology SCV101*	3
Principles of Animal Control SCV150	2
Research Animal Technology SCV201	4
Veterinary Nursing I SCV210	4
Veterinary Nursing II SCV211	4
Veterinary Radiography SCV212	3
Veterinary Laboratory Techniques SCV213	3
Farm Animal Nursing SCV214	3
Principles of Exotic Animal Medical Care SCV220	2
Vet Tech Internship I SCV231	2
Vet Tech Internship II SCV234	3
Pathophysiology SCV247	2
Pharmacology & Toxicology SCV262	3

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**TOTAL CREDITS: 65**

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\* Preclinical Veterinary Technology key course.

*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.

# Word Processing Specialist Certificate

[www.laguardia.edu/majors](http://www.laguardia.edu/majors)

The Word Processing Specialist Certificate curriculum, coordinated by the Business and Technology Department, enables students to develop proficiency in word processing while enhancing their communication skills.

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 169.

## Word Processing Certificate Curriculum

### Counseling

New Student Seminar 0

### English: 6 credits

Composition I ENC/G101 3

Writing Through Literature ENG102 3

### Humanities: 3 credits

Public Speaking HUC106 3

### Business and Technology: 24 credits

Essential Computer Skills BTO116 2

Keyboarding II BTO132 2

Keyboarding III BTO133 2

Word Processing I BTO155 3

Word Processing II BTO156 3

Business Communications BTO260 3

Electronic Office Procedures BTO270 3

Introduction to Computers & their Applications BTC100 3

Introduction to Desktop Publishing BTC175 3

**Unrestricted Electives: 3 credits** 3

**TOTAL CREDITS: 36**

# Writing and Literature

[www.laguardia.edu/majors](http://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. Liberal Arts courses offered at LaGuardia will fulfill Queens 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.

Descriptions of courses in this major begin on page 115. See next page for curriculum.

## Writing and Literature Curriculum: AA Degree

### Counseling

New Student Seminar 0

### English Writing Core Courses: 9 credits

Composition 1 ENC/G101\* 3

Preparing and Writing the Research Paper ENG103\* 2

Integrative Seminar: Liberal Arts Cluster LIB110\* 1

Writing through Literature ENG102 3

### Humanities: 9 credits

Introduction to African Art HUA167 3

*Select one of the following courses:* 3

Introduction to Arts HUA101

Art of Theatre HUC170

Creative Drama HUC180

Introduction to Music HUM101

*Select one of the following courses:* 3

Introduction to Philosophy HUP101

Philosophy of Religion HUP105

### Social Science: 9 credits

General Psychology SSY101 3

*Select one of the following courses:* 3

Themes in American History to 1865 SSH101

Themes in American History Since 1865 SSH102

Western Civilization from Ancient to Renaissance SSH103

Western Civilization Renaissance to Modern SSH104

World History from Ancient Times to 1500 SSH105

World History from 1500 to Present SSH106

East Asia Civilization and Societies SSH110

*Select one of the following courses:* 3

Introduction to Anthropology SSA100

Cultural Anthropology SSA101

Introduction to Macroeconomics SSE104

U.S. Power and Politics SSP101

Political Ideas and Ideologies SSP250

Introduction to Sociology SSS100

### Math, Engineering & Computer Science: 3 credits

*Select one of the following courses:* 3

Elementary Statistics MAT120

Math & The Modern World MAT107

### Natural Sciences: 3 credits

Topics in Biological Sciences SCB101 3

### Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3

Full-Time Internship CEP201 3

### Writing and Literature Major: 21 credits

*Two required courses:*

Introduction to Poetry ENG270 3

World Literatures Written in English ENG295 3

*Survey Courses—select two of the following:* 6

Introduction to Literary Study ENG289\*\*\*\*

British Literature Survey I ENG290

British Literature Survey II ENG291

American Literature Survey I ENG292

American Literature Survey II ENG293

Classical Literature ENG294\*\*\*\*

*Select two of the following— one of the courses should fulfill the urban study requirement* 6-7

English Grammar and Syntax ENG/ELL110

Seminar in Teaching Writing ENG220

Afro-American Literature ENG225

The Woman Writer ENG247

The Immigrant Experience in American Literature ENG268

Contemporary Black American Fiction ENG269

Poetry Workshop ENG271

Literature and Film ENG/HUC272

Creative Non-Fiction Workshop ENG274

Fiction Workshop ENG276

Children's Literature ENG280

Creative Writing ENN198\*\*\*

Literature of the City ENN240\*\*\*

*Select one of the following courses:\*\** 3

Work, Labor and Business in American Literature ENG203

Asian American Literature ENG204

The Bible as Literature ENG205

Journalism ENG211

Cultural Identity in American Literature ENG235

Images of Women in American Literature ENG245

Latino/Latina Writing in the U.S. ENG248

Sexuality in Literature ENG252

Humor in Literature ENG256

The Novel ENG260

Literature of Difference ENG261

The Drama ENG265

Shakespeare ENG266

The Great Writer ENG275

Violence in American Art and Culture ENN195\*\*\*

Art Politics and Protest ENN199\*\*\*

**TOTAL CREDITS: 60**

\* Introductory Cluster Requirement: An introductory cluster containing four courses with an Integrating Seminar (LIB110, one credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take ENC/G101. Extended Day students and students who change to the Liberal Arts major after completing ENG101 may substitute a Liberal Arts elective.

\*\* These courses fulfill Queens College Humanities I, Tier 1 Liberal Arts Requirements, but will not count toward the major.

\*\*\* Fulfills Urban Study requirement

\*\*\*\* Requirement for transfer to John Jay College; not articulated for Queens College.

\*\*\*\*\* Articulated only for John Jay College



# 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.*

<b>DISCIPLINE</b>	<b>DEPARTMENT</b>	<b>PAGE</b>
Accounting	Business and Technology	91
Administrative Assistant	Business and Technology	92
American Sign Language	Education and Language Acquisition	107
Anthropology	Social Science	159
Arabic	Education and Language Acquisition	108
Art Appreciation	Humanities	143
Art History	Humanities	143
Aviation Management	Business and Technology	93
Bengali	Education and Language Acquisition	108
Bilingual Education	Education and Language Acquisition	106
Biology	Natural Sciences	156
Business	Business and Technology	94
Chemistry	Natural Sciences	157
Chinese	Education and Language Acquisition	109
Commercial Photography	Humanities	160
Communication Skills	Communication Skills	100
Communication Studies	Humanities	156
Composition/Writing	English	126
Computer Art	Humanities	143
Computer Information	Mathematics, Engineering, and Computer Science	150
Computer Technology	Business and Technology	99
Cooperative Education	Cooperative Education	102
Criminal Justice	Humanities	160
Critical Thinking	Humanities	154
Counseling	Counseling	104
Dance	Humanities	134
Design	Humanities	144
Dietetics	Health Sciences	121
English as a Second Language	Education and Language Acquisition	117
Economics	Social Science	161
Education	Education and Language Acquisition	105
English	English	114
Engineering Science	Mathematics, Engineering, and Computer Science	153
Environmental Science	Natural Sciences	158
Film and Media	Humanities	145
French	Education and Language Acquisition	109
Greek	Education and Language Acquisition	110
Health	Health Sciences	122
Hebrew	Education and Language Acquisition	110
History	Social Science	161
Humanities	Humanities	133

*Note: for Urban study courses (see individual department offerings)*

<b>DISCIPLINE</b>	<b>DEPARTMENT</b>	<b>PAGE</b>
Human Services	Health Sciences	122
Industrial Design	Humanities	159
Italian	Education and Language Acquisition	110
Japanese	Education and Language Acquisition	111
Journalism	English	116
Korean	Education and Language Acquisition	111
Language Study	Education and Language Acquisition	107
Liberal Arts Seminars	ELA, English, Humanities, Mathematics, Engineering, and Computer Science, Natural Sciences, and Social Science	149
Library	Library Media Resources Center	149
Literature	English	116
Mathematics	Mathematics, Engineering, and Computer Science	154
Mathematics Computer Courses	Mathematics, Engineering, and Computer Science	150
Modern Languages and Literature	Education and Language Acquisition	118
Music	Humanities	134
Music Recording Technology	Humanities	137
New Media Technology	Humanities	136
Nursing	Health Sciences	124
Occupational Therapy	Health Sciences	126
Paralegal Studies	Business and Technology	96
Paramedic	Health Sciences	127
Philosophy	Humanities	139
Photography	Humanities	145
Physical Sciences	Natural Sciences	162
Physical Therapy	Health Sciences	128
Polish	Education and Language Acquisition	111
Political Science	Social Science	179
Portuguese	Education and Language Acquisition	111
Psychology	Social Science	163
Radiologic Technology	Health Sciences	129
Russian	Education and Language Acquisition	111
Science	Natural Sciences	145
Sociology	Social Science	165
Spanish-English Translation	Education and Language Acquisition	123
Spanish	Education and Language Acquisition	111
Speech Communication	Humanities	141
Studio Art	Humanities	147
Theatre	Humanities	138
Travel, Tourism & Hospitality	Business and Technology	97
Urban Study	Education and Language Acquisition	148
Veterinary Technology	Health Sciences	132

## 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, C-261, 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, C-261, 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

## Accounting and Managerial Studies Department

*In 2008, the Accounting and Managerial Studies Department was reorganized and renamed the Business and Technology Department (see below). Course prefixes that were AM\_ are now BT\_.*

## Business and Technology Department

### **Room B327 (718) 482-5600 Department Faculty**

Michael Napolitano, Chairperson; Avis Anderson, John Appiah, Rosalia Barnett, Rajendra Bhika, David Blumberg, Steven Cosares, Mario Fernandez, Eve Fischthal, Kathleen Forestieri, Andrea Francis, James Giordano, Edward Goodman, Marie Hanlon, Deborah Harrell, Milton Hollar-Gregory, Linda Iannuzzo, Janice Karlen, Elaine K. Leff, Magalie Lopez, Namy Lytle, Paula Murphy, Stacy Perry, Michael Philogene, Yves Richards, Deborah Robinson, Susan Sanchirico, Fernando Santamaria, David A. Schoenberg, Barry L. Silverman, Santo Trapani, Angela Wu

## **Accounting**

### **BTA109 Principles of Accounting I, Part 1**

*2 credits; 4 hours*

This course introduces students to the entire accounting cycle. The course explores the fundamental concepts and techniques of recording transactions in journals, summarizing the transactions, using adjusting and closing procedures, and preparing financial statements and reports. This course will provide basic skills instruction in mathematics and apply those skills to accounting theory and practice.

*Pre- or Corequisite: CSE095; Corequisite: MAT095*

### **BTA110 Principles of Accounting I, Part 2**

*2 credits; 4 hours*

This course is a continuation of BTA110. It reviews the essentials of accrual accounting and introduces the student to valuation methods relating to inventory and fixed assets, internal control concepts with an emphasis on cash controls, procedures for accounting for notes payable and receivable and payroll accounting.

*Prerequisite: BTA109*

### **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/ENG/ESA099/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: BTA109 or 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/ENG/ESA099/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: CSE099, ENA/ENG/ESA099/ENC101, MAT096, BTA112*

**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****BTO116 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*

**BTO125 Terminology for Medical Office Support Personnel***3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to develop the student’s ability to interpret, spell and pronounce medical terms through the use of a phonetic pronunciation system, audiotapes, flashcards and computer assisted instruction. This course is organized by body systems with combining forms of prefixes and suffixes, diagnostic procedures, pathology, treatment and surgical procedures related to each system. This course is intended to train medical office support personnel in the use of medical terminology as it applies to the office setting.

*Pre- or Corequisite: CSE099, ENA/ENG/ESAG099/ENC101 or ESL/R098*

**BTO132 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/ENG/ESA099/ENC101, BTO116*

**BTO133 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*

### **BTO141 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: AMO116*

*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 micro-computer. 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/ENG/ESA099/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 micro-computer. 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 Computerized Medical Information Management**

*3 credits; 4 hours (3 lecture; 1 lab)*

This course will provide students with instruction in the preparation and maintenance of medical records, financial recordkeeping, patient and insurance billing and processing of insurance forms and claims. It will provide students with a brief history of the medical profession, acquainting students with various medical laws and codes of ethics as they relate to medical office support personnel. This course will be enhanced by the use of medical soft-

ware and a medical office simulation project.

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC/ENG101, MAT095; Pre- or Corequisite: BTO116*

### **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: ENC/ENG101, HUC101*

*Pre- or Corequisite: BTO116*

### **BTO270 Electronic Office Procedures**

*3 credits; 6 hours*

Business skills such as word processing and machine transcription will be developed, integrated, and refined. Human relations skills, interoffice relationships, and organizational structure will be covered through job-related projects. Basic filing rules, mail procedures and telephone techniques will be discussed. Hands-on training will be conducted in payroll processing, electronic record keeping, electronic calendaring and filing.

*Prerequisite: BTO116, HUC101*

*Pre- or Corequisite: ENC/ENG10*

## **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/ENG/ESA099/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 the 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. This course is required for Business Administration and Management students prior to their first internship.

*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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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, BTA109 or 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/ENG/ESA099/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*

**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: 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.*

## **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: 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/ENG/ESA099/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, 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*

### **BT232 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 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.

*Prerequisite: ENA099*

*Pre- or Corequisite: CSE099, ENA/ENG/ESA099/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/ENG/ESA099/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 or 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 data-

base 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: 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: 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

**Room E-115 (718) 482-5625**

### **Department Faculty**

Arthur Lau, Chairperson; Evelyn Burg, Jose Fabara, Xiwu Feng, Marcia Glick, Karen Kearns, William Kurzyna, Ernest B. Nieratka, Adhiambo Okomba, Joyce Zaritsky

### **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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/ENC101, MAT095*

## **Computer Information Systems Department (former)**

In 2008, the programs and courses of the Computer Information Systems Department were reorganized. The following programs are now housed in the Mathematics, Engineering and Computer Science Department:

- > Computer Science
- > Computer Operations
- > Computer Operations Option
- > Computer Network Administration and Security Option
- > Computer Technology
- > Computer Technology Option
- > Telecommunications Option
  
- > Programming and Systems and Microcomputer Systems and Applications are now assigned to the Business and Technology Department.
  
- > New Media Technology is now assigned to the Humanities Department.

The following is a list of former CIS courses and their new course designations:

CIC100	BTC101	CIS196	MAC196
CIS100	BTC100	CIS230	MAC230
CIS101	MAC101	CIS231	MAC231
CIS/SSD105	BTC/SSD105	CIS232	MAC232
CIS107	BTC107	CIS233	MAC233
CIS109	MAC109	CIS241	MAC241
CIS110	MAC110	CIS242	MAC242
CIS111	HUW111	CIS245	MAC245
CIS112	HUW112	CIS246	MAC246
CIS115	BTC115	CIS250	MAC250
CIS125	MAC125	CIS252	MAC252
CIS150	BTC150	CIS253	MAC253
CIS160	MAC160	CIS260	MAC260
CIS161	HUW161	CIS261	MAC261
CIS162	HUW162	CIS262	MAC262
CIS163	HUW163	CIS263	MAC263
CIS166	HUW166	CIS265	MAC265
CIS167	HUW167	CIS270	BTC270
CIS168	HUW168	CIS275	BTC275
CIS170	BTC170	CIS286	MAC286
CIS171	BTC171	CIS289	MAC289
CIS172	BTC172	CIS291	MAC291
CIS173	BTC173	CIS292	MAC292
CIS175	BTC175	CIS293	MAC293
CIS190	MAC190	CIS295	MAC295
CIS195	MAC195		

to promote workplace access. Topics include: the transformation of work; the impact of diversity in the workplace; the importance of continuous learning and career planning; and the competencies essential for workplace success. Emphasis will be placed on the use of experience-based learning to facilitate the transition from academic to professional life. This course is a prerequisite for internship placement for students who are not in a First Year Academy.

*Prerequisites: CSE099, ENA/ENG/ESA099/ENC101, MAT095. Students must have completed 15 credits, including the introductory course in their major.*

### **CEP111 Cooperative Education: Secondary Education Internship I**

*2 credits; 2 hours*

Introductory internship experience in a secondary education classroom setting. Students will have the opportunity to: explore the field of secondary education as a profession; integrate classroom theory with internship experience; and apply and strengthen interpersonal, technological, and critical thinking skills, while assisting students with diverse needs. A minimum of eighty hours at the internship site is required. A concurrent seminar provides a framework for analyzing and evaluating students' experience.

### **CEP112 Cooperative Education: Childhood Education Internship I**

*2 credits; 2 hours*

This is an introductory internship experience in a childhood education setting. Students will have the opportunity to: explore the field of education as a profession; integrate classroom theory with internship experience; and apply and strengthen interpersonal, technological and critical thinking skills, while assisting students with diverse needs. A minimum of eighty hours at the internship site is required. A concurrent seminar provides a framework for analyzing and evaluating students' experience.

### **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*

### **CEP151 Cooperative Education: Part-Time Internship**

*2 credits; 1 seminar hour; 15-20 internship work hours*

This internship provides students with an experience-based

## Cooperative Education Department

### **Room M204 (718) 482-5204**

The Cooperative Education Department believes in the value of experience-based learning. Our mission is to engage students in a process of active learning that links work experience with opportunities for critical analysis and reflection.

### **Department Faculty**

Francine White, Chairperson; Karen Anderson, Mark Blackman, James Cantwell, Diane Ducat, Michael Frank, Doreen Kolomecauk, Jeffrey Weintraub

### **CEP100 Cooperative Education: Gateway to the Workplace**

*1 credit; 1 hour*

This introductory Cooperative Education course is designed to foster career development in a changing work environment and

learning opportunity to: explore or confirm career interests and plans; apply classroom learning to real work situations; and practice and strengthen interpersonal and 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 students to analyze their internship experience.

*Prerequisites: CEP100 or CEP121 (for students in a First Year Academy) and MAT096\**

### **CEP152 Cooperative Education: Part-Time Internship**

*2 credits; 1 seminar hour; 15-20 internship work hours*

This elective internship provides students with an experience-based learning opportunity to: explore or confirm career interest and plans; apply classroom learning to real work situations; and practice and strengthen interpersonal and technical skills. 15-20 hours per week at the internship site is required during the Co-op cycle. A concurrent seminar provides a framework for students to analyze their internship experience.

*Prerequisite: CEP 201\**

### **CEP175 Cooperative Education: Bilingual Education Internship I**

*2 credits; 2 hours*

This is an introductory internship experience in a bilingual classroom setting. Students will have the opportunity to: explore the field of education as a profession; integrate classroom theory with internship experience; and apply and strengthen interpersonal, technological, and critical thinking skills, while assisting students with diverse needs. A minimum of eighty hours at the internship site is required. A concurrent seminar provides a framework for analyzing and evaluating students' experience.

### **CEP201 Cooperative Education: Full-Time Internship**

*3 credits; 1 seminar hour; 25-40 internship work 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 and technical skills. 25-40 hours per week at the internship site is required during the Co-op cycle. The internship is accompanied by a concurrent seminar that provides a framework for students to analyze their internship experience.

*Prerequisites: CEP100 or CEP 121 (for students in a First Year Academy) and MAT096\**

### **CEP202 Cooperative Education: Full-Time Internship**

*3 credits; 1 seminar hour; 25-40 internship work hours*

This elective 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 and technical skills. 25-40 hours per week at the internship site is required during the Co-op cycle. The internship is accompanied by a concurrent seminar that provides a framework for students to analyze their internship experience.

*Prerequisite: CEP201\**

\* Students are required to have at least a 2.0 cumulative grade point average the semester prior to each internship semester and have completed the appropriate introductory and/or other pre-requisite courses in their major.

*Each of these courses (except Fundamentals of Professional Advancement and Gateway to the Workplace) includes both the Internship and the Internship Seminar. When registering, students must also register for the appropriate seminar code as specified by their Co-op Faculty Advisor.*

*Students in the following specialized curricular areas should check their departmental course descriptions for the appropriate internship and seminar codes: Human Services, Occupational Therapy Assistant, Dietetic Technician, Physical Therapist Assistant Veterinary Technology.*

*The Major Seminars offered by the Cooperative Education Department are as follows:*

### **CEP211 Co-op-Ed: Secondary Education Internship II**

*0 credits; 2 seminar hours; 80 total internship hours*

Secondary-level internship experience in a secondary education classroom setting. Students will observe and reflect on the field of secondary education as a profession, connect language/literacy theories and practices with internship experiences; and apply and strengthen core competencies, while assisting students with diverse needs. A minimum of eighty hours at the internship site is required. A required concurrent seminar provides a framework for analyzing and evaluating students' experiences.

*Prerequisites: ELN120, CEP111, CPA011, ENC/ENG101*

*Corequisites: ELE204, CEP211, and CPB011*

### **CEP212 Co-op-Ed: Childhood Education Internship II**

*0 credits; 2 seminar hours; 80 total internship hours*

This is a second-level internship experience in an early childhood education setting. Students will observe and reflect on the field of education as a profession; integrate language and literacy development theories and practices with internship experiences; and apply and strengthen core competencies, while assisting students with diverse needs. A minimum of eighty hours at the internship site is required. A required concurrent seminar provides a framework for evaluating students' experiences.

*Prerequisites: ENC/ENG101, ELN120, CEP111, CPA011*

*Corequisites: ELE203, CEP212, and CPB011*

### **CEP275 Co-op-Ed: Bilingual Education Internship II**

*0 credits; 2 seminar hours; 80 total internship hours*

This is a second-level internship experience in a bilingual classroom setting. Students will observe and reflect on the field of education as a profession; integrate language and literacy development theories and practices with internship experience; and apply and strengthen core competencies, while assisting students with diverse needs. A minimum of eighty hours at the internship site is required. A required concurrent seminar provides a framework for



analyzing and evaluating students' experience.

*Prerequisites:* ENC/ENG101, ELE120, CEP175, CPA011

*Corequisites:* ELE203, CEP275, and CPB011

### **CPA011 Reflective Practice in the Teaching Profession I**

Students on either first or second internships in educational settings may take this combined seminar. The focus is on the players in the classroom—children, teachers, and other participating adults—as well as factors which influence the classroom, both in and out of school, and the refinement of observation and communication skills essential for investigating a variety of classroom issues. Seminar topics will also focus on classroom management, teaching, and student learning and behavior.

*Corequisite:* For *Childhood Education*, CEP112 and ELN120

*Corequisite:* For *Secondary Education*, CEP111 and ELN120

*Corequisite:* For *Bilingual Child*, CEP175 and ELN120

### **CPA041 Critical Reflection and Learning at Work**

This seminar will identify experiential learning strategies and techniques that will help students maximize the learning potential of their internships. Topics covered will include theories, principles and practices of experiential education; an exploration of values, culture and ethics at work; an essential skills approach to task/skill analysis; interpersonal and communication skills; internal and external factors affecting work; organizational structure; and personal development. Self-reflection, group work, selected readings and written assignments will be used throughout the course. This seminar is also offered in an online format during selected terms.

### **CPB011 Reflective Practice in the Teaching Profession II**

This course is designed to present experience-based learning and reflective practice to complement topics in language and literacy courses in childhood, bilingual and secondary education. Through classroom observation and activities on their internship assignments, students will be able to identify, report, interpret and reflect on issues that have relevance to language and literacy. A teaching ePortfolio will be designed to meet national standards and to present students' growth and development.

*Prerequisites:* ENC/ENG101, ELN120, CEP111, CPA011;

*Corequisites:* ELE204, CEP212, 115, 176, and CPB011

*Corequisite for Childhood Education:* CEP212 and ELE203

*Corequisite for Secondary Education:* CEP211 and ELE204

*Corequisite for Bilingual Child:* CEP275 and ELE203

24 classroom seminar to accompany internship.

### **CPB041 Fundamentals of Career Advancement**

This seminar is designed to enhance career decision-making skills. Each student will be engaged in the process of solving his or her current career dilemma. Other topics include planning for further education, career networking, using career information and learning from work experience.

### **CPC041 The Future of Work**

This seminar explores the changes in the workplace due to the trend of advancing technologies and the closely related trend of globalization. It will discuss the emerging New Economy and how

it is altering key aspects of our working lives as well as our lives outside paid work. The seminar will also investigate the technological and organizational changes that have occurred in the workplace during the past few decades. Students will be asked to analyze their current internship experience in the light of the changing American and global economy. This seminar is also offered in an online format during selected terms.

### **CPP024 Co-op Prep for Engineering Science**

*0 credits; 1 hour*

This course will enable engineering majors to explore and/or confirm career interests and plans and develop professional literacy in the field of engineering. Topics include: self-assessment, career and educational research and planning, strategies to access professional opportunities, contemporary issues and ethics in engineering and the impact of diversity in the workplace. Students will be involved in web-based activities, group work and online reading and writing activities to meet course objectives.

*Prerequisite or Co-requisite:* ENC/ENG101, MAT200

### **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.

## Counseling Department

### **Room C239 (718) 482-5250**

Counselors within the Division of Academic Affairs provide programs designed to help students with personal, academic, and career concerns. Additionally, the department offers two courses, the New Student Seminar and a Career Development Seminar. These courses are described below.

### **Department Faculty**

Lynne Alston-Jackson, Pierrina Andritsi, Jean Buckley-Lockhart, Louise A. Butironi, Emily Carrasquillo, Robert J. Durfey, Joan Edmonds-Ashman, Ana M. Mora, Lynne Teplin, Kyoko M. Toyama, LaVergne Trawick

### **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/ENG/ESA099/ENC101, MAT095*

## Education and Language Acquisition Department

### **Room E200 (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**

Jack Gantzer, Chairperson, Paul Arcario, Rashida Aziz, Daisy Bustio, Ruhma Choudhury, Florence Diallo, Monika Ekiert, Nancy Erber, Wenjuan Fan, Linda Forrester, Jie Gao, Judy Gex, Laurie Gluck, Lilik Gondopriono, Mabel Gonzalez-Quiroz, Rick Henry, Ana Maria Hernandez, Rosa Herrera-Rodriguez, Maria Jerskey, Rebakah Johnson, Hyun Joo Kim, Carole Lazorisak, Natalie Linton, Tomonori Nagano, Agnieszka Rakowicz, Max Rodriguez, Mariajose Romero, Jane Selden, Carolyn Sterling-Deer, 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: ENC/ENG101, ELB103*

## 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*

### **ELE203 Language and Literacy in Childhood Education**

*3 credits; 3 hours*

This writing intensive course provides a working knowledge of language and literacy development in early childhood. Course work involves examination of early language development in young children and going through grade 6. Topics include study of the relationship between written and spoken language and oral language development in children in culturally and academically diverse groups. Students will study language diversity and its impact on emergent literacy in early childhood. Must also register for fieldwork.

*Prerequisite: ELL101, ELN120, ENG102*

### **ELE204 Language and Literacy in Secondary Education**

*3 credits; 3 hours*

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, dialects, discourses and other language abilities as well as communicative styles and language complexity. Strategies for teaching content-area material to a diverse student population will also be addressed. Students must register for fieldwork.

*Prerequisite: : ELL101, ELN120, ENG102*

### **ELN120 Foundations of American Education**

*3 credits; 3 hours*

This writing intensive course introduces students to the socio-cultural and historical forces that influence education. Through the reflective decision-making model, and using New York City schools as a laboratory, students examine issues related to urban and language minority students. Topics include analysis of major educational ideas, practices and pedagogy of education and bilingual education. Students must register for an Internship and

seminar. Students will create teacher education ePortfolios.

*Prerequisite: MAT095*

*Pre- or Corequisite: ENG102*

*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*

### **ESE099 Intensive Basic Writing for NNS of English**

*0 credits; 45 hours*

This is a one-week intensive version of ESA 099. The course helps non-native English speakers (NNS) develop college-level writing proficiency through careful attention to the second language writing process. Emphasizing process writing, contrastive rhetoric and grammatical accuracy, this course prepares NNS for both college-level writing and timed, high-stakes testing. Students will learn to employ argument in short essay form to clearly express their opinions in edited American English.

*Prerequisite: 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, for students with some knowledge of English develops a student's proficiency in listening, speaking, reading and writing. Listening and pronunciation receive careful attention. Similarities and differences between written and spoken language are emphasized. At the end of the course, students must demonstrate their overall proficiency by passing departmental listening, reading, and writing examinations.

*Prerequisite: Placement exam*

### **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 com-

petency in writing as well as in reading, speaking and listening.

*Prerequisite: ESL097 or placement exam*

### **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*

### **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 ESL 098 level and who either place into CSE 099 or have a passing score on the Compass Reading test.*

### **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**

### **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/ENG/ESA099/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/ENG/ESA099/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; 4 hours (3 lecture, 1 lab)*

This course introduces the fundamentals of American Sign Language (ASL) as used by the Deaf community, including vocab-

ulary, syntax, grammar, semantics, language in use and Deaf cultural notes. It focuses on the development of language and communication competencies.

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101, ESL/R099*

### **ELM102 American Sign Language II**

*3 credits; 4 hours (3 lecture, 1 lab)*

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*

### **ELM103 American Sign Language III**

*3 credits; 4 hours (3 lecture, 1 lab)*

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*

### **ELM104 American Sign Language IV**

*3 credits; 4 hours (3 lecture, 1 lab)*

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*

## **Arabic**

### **ELA101 Elementary Arabic 1**

*3 credits; 3 hours*

This course for beginners is designed to develop listening, speaking, reading and writing skills through work in the classroom and the language laboratory.

*Note: A student must successfully complete ELA102 Arabic 2 before credit is granted for ELA101 Elementary Arabic 1.*

### **ELA102 Elementary Arabic 2**

*3 credits; 3 hours*

This course is a continuation of ELA101 Elementary Arabic 1.

*Prerequisite: ELA101*

### **ELA201 Modern Arabic Literature**

*3 credits; 3 hours*

This course will familiarize students with the literary production

of authors from the Arabic-speaking world. Reading and analysis of representative works of different styles, genres and literary periods will be selected every semester. This course is taught in Arabic.

*Prerequisite: Exemption Exam*

*Pre- or Corequisite: CSE099, ENG098, ESL097*

## **Bengali**

### **ELV101 Elementary Bengali 1**

*3 credits; 3 hours*

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/ENG/ESA099/ENC101*

*Note: Student must successfully complete ELV102 before credit toward graduation is granted for ELV101 Elementary Bengali 1.*

### **ELV102 Elementary Bengali 2**

*3 credits; 3 hours*

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; 3 hours*

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; 3 hours*

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)

The basic course in Modern Chinese (Mandarin) is designed to develop primary listening and speaking skills through work in the classroom and language laboratory. Students will learn the pronunciation, grammar and vocabulary of Chinese in the context of important aspects of the culture affecting the communication process. Students will be introduced to the romanized writing system (pinyin).

*Prerequisite:* CSE099, ENA/ENG/ESA099/ENC101

*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 is a continuation of ELC101. Listening and speaking skills will be further developed through work in the classroom and the language lab. Students will learn more about Chinese pronunciation, grammar and vocabulary in selected cultural contexts. The basic Chinese writing system will be introduced.

*Prerequisite:* ELC101

### ELC103 Intermediate Chinese

3 credits; 4 hours (3 lecture, 1 lab)

This course is the third in a sequence. The purpose of the course is to help students build functional language proficiency and increase their ability to communicate in Mandarin Chinese with confidence and ease. The course continues to focus on the four basic skills of listening, speaking, reading and writing, with a strong emphasis on sentence structure, grammatical features, oral and written translation fluency and vocabulary building.

*Prerequisite:* Exemption Exam

### ELC105 Modern Chinese for Heritage Students

3 credits; 3 hours

This course is designed for Chinese heritage students who wish to enhance their communicative skills.

*Prerequisite:* Exemption Exam

### ELC150 Skills Maintenance in Modern Language

1 credit; 2 lab hours

This laboratory course is designed to maintain foreign language skills during an interruption in the study sequence. Individual instruction is directly related to a student's particular field of interest. Hours are individually arranged.

*Prerequisite:* ELC101

### 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

## French

### ELF101 Elementary French I

3 credits; 4 hours (3 lecture, 1 lab)

This course for beginners is designed to develop listening, speaking, reading and writing skills through work in the classroom and the language laboratory.

*Prerequisite:* CSE099, ENA/ENG/ESA099/ENC101

*Note:* A student must successfully complete ELF 102 before credit is granted for ELF101 Elementary French 1.

### ELF102 Elementary French II

3 credits; 4 hours (3 lecture, 1 lab)

This is a continuation of Elementary French I.

*Prerequisite:* ELF101

### ELF103 Intermediate French

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

### ELF105 French for Francophones

3 credits; 4 hours (3 lecture, 1 lab)

This course is designed to enable students who speak French at an intermediate level to develop further oral and written skills through interviews, reading and writing assignments. This course will also emphasize spelling, grammar and vocabulary needed to pursue academic coursework in French.

*Prerequisite:* Exemption Exam

**ELF150 Skills Maintenance in Modern Language***1 credit; 2 lab hours*

This laboratory course is designed to maintain foreign language skills during an interruption in the study sequence. Individual instruction is directly related to a student's particular field of interest. Hours are individually arranged.

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101***ELF201 French Literature from a Global Perspective***3 credits; 3 hours*

This course is an introduction to the literature and culture of French speaking countries through various forms of literary expression. Readings and discussions will emphasize the rich contributions of African, Caribbean and North American writers and artists, as well as responses to them from France and the United States.

*Prerequisite: Placement Exam***ELF250 Contemporary Francophone Literature in Translation***3 credits; 3 hours*

This course examines the thematic and stylistic variety of contemporary French language literature in different genres in English translation. Students will explore themes of identity, memory, time, sex and sexuality, the Pan-African diaspora, colonial and post-colonial relations, the Enlightenment heritage, the links to national and international movements, and the politics of resistance and language choice through the analysis of representative poems, stories, novellas and novels.

*Prerequisite: ENC/ENG101***Greek****ELG103 Intermediate Greek***3 credits; 3 hours*

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; 4 hours (3 lecture, 1 lab)*

This course for beginners is designed to develop listening, speaking, reading and writing skills through work in the classroom and the language laboratory.

*Note: A student must successfully complete ELH102 before credit is granted for ELH101 Elementary Hebrew I.**Prerequisite: CSE099, ENA/ENG/ESA099/ENC101***ELH102 Elementary Hebrew II***3 credits; 4 hours (3 lecture, 1 lab)*

This course is a continuation of Elementary Hebrew I. It is designed to further develop listening, speaking, reading and writing through work in the classroom and the language laboratory.

*Prerequisite: ELH101***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***Italian****ELI101 Elementary Italian I***3 credits; 4 hours (3 lecture, 1 lab)*

This course for beginners is designed to develop listening, speaking, reading, and writing skills through work in the classroom and the language laboratory.

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101**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 is a continuation of Elementary Italian I.

*Prerequisite: ELI101***ELI103 Intermediate Italian***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 in Italian.

*Prerequisite: ELI102***ELI150 Skills Maintenance in Modern Language***1 credit; 2 lab hours*

This laboratory course is designed to maintain foreign language skills during an interruption in the study sequence. Individual instruction is directly related to student's particular field of interest. Hours individually arranged.

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101***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/ENG/ESA099/ENC101, ESL098*

## Japanese

### **ELJ101 Elementary Japanese 1**

*3 credits; 3 hours*

This course for beginners is designed to develop listening, speaking, reading, and writing skills through work in the classroom and the language laboratory.

*Note: A student must successfully complete ELJ102 before credit is granted for ELJ101 Elementary Japanese 1.*

### **ELJ102 Elementary Japanese 2**

*3 credits; 3 hours*

This course is a continuation of ELJ101 Elementary Japanese 1.

*Pre- or Corequisite: ELJ101*

### **ELJ103 Intermediate Japanese 1**

*3 credits; 3 hours*

This course is designed to further develop functional language proficiency and increase the ability to communicate accurately in Japanese 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 Kanji writing system will be introduced and reinforced. Taught in Japanese.

*Prerequisite: ELJ102 or Exemption Exam*

*Pre- or Corequisite: CSE095, ESL097*

### **ELJ104 Intermediate Japanese 2**

*3 credits; 3 hours*

This course is designed as a continuation of Intermediate Japanese 1 with greater emphasis on reading and writing. It also continues to familiarize students with literary Japanese. This course will be taught in Japanese.

*Prerequisite: ELJ103 or Exemption Exam*

*Pre- or Corequisite: CSE095, ESL097*

### **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: ENC/ENG101*

## Korean

### **ELK101 Elementary Korean I**

*3 credits; 3 hours*

This course for beginners is designed to develop listening, speaking, reading, and writing skills through work in the classroom and the language laboratory. The Korean script han'gul will be used from the onset.

*Note: Student must successfully complete ELK102 before credit toward graduation is granted for ELK101 Elementary Korean 1.*

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101*

### **ELK102 Elementary Korean II**

*3 credits; 3 hours*

This course is a continuation of ELK101.

*Prerequisite: ELK101*

### **ELK103 Intermediate Korean**

*3 credits; 3 hours*

This course is designed to further develop listening, speaking, reading and writing skills in Korean within a cultural context.

*Prerequisite: Exemption Exam*

### **ELK105 Korean for Heritage Students**

*3 credits; 3 hours*

This course is designed for Korean heritage students who wish to enhance their communicative skills.

*Prerequisite: Exemption Exam*

### **ELK150 Skills Maintenance in Modern Language**

*1 credit; 2 lab hours*

This laboratory course is designed to maintain foreign language skills during an interruption in the study sequence. Individual instruction is directly related to a student's particular field of interest. Hours individually arranged.

*Prerequisite: ELK101*

### **ELK201 Modern Korean Literature**

*3 credits; 3 hours*

This course will familiarize students with Korean literature through selected readings from twentieth century authors.

*Prerequisite: Placement Exam*



## Polish

### ELP101 Elementary Polish I

3 credits; 4 hours (3 lecture, 1 lab)

This course for beginners is designed to develop listening, speaking, reading and writing skills through work in the classroom and the language laboratory.

*Note: A student must successfully complete ELP102 before credit toward graduation is granted for ELP101 Elementary Polish I.*

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101*

### ELP102 Elementary Polish II

3 credits; 4 hours (3 lecture, 1 lab)

This course is a continuation of ELP101.

*Prerequisite: ELP101*

### ELP103 Intermediate Polish

3 credits; 4 hours (3 lecture, 1 lab)

This course is designed to further develop listening, speaking, reading and writing skills in Polish within a cultural context.

*Prerequisite: Exemption Exam*

### ELP105 Polish for Heritage Students

3 credits; 4 hours (3 lecture, 1 lab)

This course is designed for Polish heritage students who wish to enhance their communicative skills.

*Prerequisite: Exemption Exam*

### ELP201 Polish Literature

3 credits; 3 hours

This course will familiarize students with Polish literature through selected readings from the earliest times to the present.

*Prerequisite: Placement Exam*

## Portuguese

### ELZ101 Elementary Portuguese I

3 credits; 4 hours (3 lecture, 1 lab)

This course for beginners is designed to develop listening, speaking, reading and writing skills through work in the classroom and the language laboratory.

*Note: A student must successfully complete ELZ102 before credit is granted for ELZ101 Elementary Portuguese I.*

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101*

### ELZ102 Elementary Portuguese II

3 credits; 4 hours (3 lecture, 1 lab)

This is a continuation of Elementary Portuguese I.

*Prerequisite: ELZ101*

## Russian

### ELR101 Elementary Russian I

3 credits; 3 hours

This course for beginners is designed to develop listening, speaking, reading and writing skills through work in the classroom and the language laboratory. The Cyrillic alphabet will be introduced from the onset.

*Note: A student must successfully complete ELR102 before credit toward graduation is granted for ELR101 Elementary Russian 1.*

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101*

### ELR102 Elementary Russian II

3 credits; 3 hours

This course is a continuation of ELR101.

*Prerequisite: ELR101*

### ELR103 Intermediate Russian

3 credits; 3 hours

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*

## Spanish

### ELS101 Elementary Spanish I

3 credits; 4 hours (3 lecture, 1 lab)

This course for beginners is designed to develop listening, speaking, reading and writing skills through work in the classroom and the language laboratory.

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101*

*Note: 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 is a continuation of Elementary Spanish I.

*Prerequisite: ELS101*

### ELS103 Intermediate Spanish

3 credits; 4 hours (3 lecture, 1 lab)

This course is designed to further develop language skills. The

relationship among speaking, reading and writing is emphasized.

*Prerequisite: Exemption Exam*

### **ELS105 Spanish for Fluent Speakers I**

*3 credits; 4 hours (3 lecture, 1 lab)*

This course is designed to enable the native speaker of Spanish to master the intricacies of Spanish accentuation and spelling, to expand his/her vocabulary and to allow him/her to conduct a basic grammatical analysis of the sentence.

*Prerequisite: Exemption Exam*

### **ELS150 Skills Maintenance in Modern Languages**

*1 credit, 2 lab hours*

This laboratory course is designed to maintain foreign language skills during an interruption in the study sequence. Individual instruction is directly related to student's particular field of interest. Hours individually arranged.

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101*

### **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/ENG/ESA099/ENC101*

*Note: Not open to students with credit for ELS/HUS 104*

### **ELS 209 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: ENC/ENG101, ELS210*

### **ELS211 Spanish Literature 1**

*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 2**

*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: CSE095, ENG098, ESL097*

### **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*

### **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 Commercial Spanish***3 credits; 3 hours*

This course is designed to reinforce advanced composition and research techniques in the field of business. Emphasis is placed on types of business communications and the preparation and analysis of research reports. Students will become familiar with the main similarities and differences between commercial terminology in Spanish and English. They will also become familiar with import, export and other business documents.

*Prerequisite: Placement 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 Contemporary 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: 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***Urban Study Courses****ELN101 Introduction to Bilingualism***3 credits; 3 hours*

This course will cover the basic rationale, principles, and applications of a bilingual philosophy of learning. It will consider psychological, social and political factors of bilingualism, including past and present legislation. It will also examine language acquisition theories, representative models of bilingualism and

bilingual instruction and issues related to the maintenance of language and culture. Field trips to various schools in the city will constitute a significant part of the course.

*Prerequisite: CSE099, ENA/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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**

Sandra S. Hanson, Chairperson; Christopher Alexander, Nancy Berke, Edna Boris, Jeremy E. Cagle, Linda Chandler, J. Elizabeth Clark, Terry Cole, Barbara Comins, Carrie A. Connors, Catherine D. Costa, Richard Dragan, Berton R. Eisenstadt, Thomas Fink, Kristen Gallagher, Ximena Gallardo, Gail Green-Anderson, Stafford Gregoire, Carlos Hiraldo, Noel Holton, Heidi Johnsen, Jacqueline M. Jones, Demetrios V. Kapetanacos, Marisa A. Klages, Karlyn Koh, Arlene Ladden, Irwin Leopando, Daniel Lynch, Elizabeth McCormick, Thomas J. Meacham, Claudia

Moreno Pisano, Michelle Pacht, LaRose T. Parris, Kimberly Ramirez, Justin Rogers-Cooper, Victor Rosa, Noam Scheindlin, Christopher Schmidt, Charity Scribner, Sigmund Shen, John O. Silva, C. Jason Smith, Rochelle Spencer, David Styler, Laura Tanenbaum, Gordon Tapper, Ting Man Tsao, Phyllis van Slyck, Lykourgias Vasileiou, James Wilson, Xiaoping Yen, Susan Young, Yu Zhang.

## Composition/Writing

### ENA099 Basic Writing I

0 credit; 7 hours (6 lecture, 1 lab)

Basic writing is designed to introduce and develop college level writing skills through attention to the writing process. Emphasizing both the writing process and skills needed for timed and high stakes essays, to pass the CUNY aligned Assessment of Writing (CAAW) as their final, this course prepares students for college level writing expressing ideas in U.S. edited English and including text. This course is open to new students only.

*Prerequisite: ESL/ESR099, First semester students with a CSE 095 placement and the lowest scores on the ACT or CAAW.*

### ENC101 Composition I: An Introduction to Expository Writing

3 credits; 4 hours

In this course students focus on writing as a process to create correct, effective, expository essays in response to culturally diverse sources. Students learn argumentation, fundamental research methods and documentation systems. Emphasis is placed on various methods of organization appropriate to the writer's purpose and audience. One contact hour a week focuses on improving basic skills deficiencies in writing. Admission to this course is based on college placement test scores. Open to new students only.

*Prerequisite: Exemption/Pass on ACT, First semester students with an exemption or a pass on the CUNY ACT reading test, and the highest failing grade on the new CUNY developmental writing exam (CAAW)*

### 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 Aligned assessment of Writing (CAAW), 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 Aligned Assessment of Writing (CAAW) Exam.*

### ENG101 Composition I: An Introduction to Expository Writing

3 credits; 4 hours

In this course students focus on writing as a process to create correct and effective expository essays in response to culturally diverse sources. Emphasis is placed on using various methods of organization appropriate to the writer's specific writing context. Students use a variety of rhetorical strategies, research methods and documentation procedures in their essays. Admission to this course is based on college placement test scores.

*Prerequisite: CSE095/099 if required;*

*ENA/ENG/ESA099/ ENC101 if required; exemption or Pass on the ACT Writing and Reading Tests.*

### ENG102 Composition II: Writing Through Literature

3 credits; 3 hours

This course extends and intensifies the work of Composition I, including research methods and documentation procedures. Students are introduced to close-reading techniques to develop critical thinking and writing skills through the study of culturally diverse works in poetry and at least two other literary genres. Writing assignments include a critical research paper applying tools of literary analysis. Admission to the course requires completion of Composition I.

*Prerequisite: ENC/ENG101*

### ENG103 The Research Paper

2 credits; 2 hours

This course gives students intensive instruction and practice in library research and writing a staged, formal essay. Students will learn how to choose an appropriate research topic, pose a research question and outline, organize and integrate source material into their essays without plagiarizing. They will find and evaluate both print and online sources and practice taking notes, summarizing, paraphrasing, quoting, using in-text citations and creating a Works Cited.

*Prerequisite: 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: 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: ENC/ENG101*

### **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: ENC/ENG101*

*This is a Writing Intensive course.*

### **ENZ099 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 ACT Writing Test. 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 ENG 101: Composition I.

*Prerequisite: ENA/ENG/ESA/099/ENC101*

## **Journalism**

### **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: 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: 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: 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: ENC/ENG101*

### **ENG220 Seminar in Teaching Writing**

*4 credits; 4 hours*

The Seminar in Teaching Writing combines three hours of class discussion of theory and practice of teaching writing with one hour of actual classroom experience as a participant observer and as a tutor. In class, students will discuss readings on writing theory and practice teaching and tutoring methodologies. Students will work with students in a composition or basic writing class. They will observe the class during the first half of the term and during the second half they will tutor under supervision.

*Prerequisite: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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, Anzaldúa and Sarton will be studied.

*Prerequisite: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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 Highwaller, A.A. Milne and Maurice Sendak, among others, the basic themes of children's literature will be explored.

*Prerequisite: ENC/ENG101***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 Postmodernism. 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: 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/ENG/ESA099/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/ENG/ESA099/ENC101, and one Social Science elective from the list on page 112.*

*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/ENG/ESA099/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/ENG/ESA099/ENC101*

*This is a Writing Intensive course.*

## Health Sciences Department

In 2009, the Natural and Applied Sciences Department was divided into two departments, Health Sciences and Natural Sciences. The following programs/areas were assigned to Health Sciences:

- > Dietetics
- > Health
- > Human Services
- > Nursing
- > Occupational Therapy
- > Paramedic
- > Physical Therapy
- > Science
- > Veterinary Technology

The following programs/areas were assigned to Natural Sciences:

- > Biology
- > Chemistry
- > Physical Sciences

### **Department Faculty**

Rosann Ippolito, Chairperson, David Bimbi, Janice Bloomfield-Alves, Alvin Bradley, Michelle Brown, Muriel Browne, Janine Cappodana, Marcia T. Caton, Clarence Chan, Bette Cohen, Caesar Colon, Marianne Cu, Patricia Dillon, Maureen Doyle, Mary Beth Early, Debra Engel, Anne Marie Emmanuel, Natalya Fazylova, Ann Feibel, Les Gallo-Silver, Farzana Ghafoor, Philip Gimber, Naomi S. Greenberg, Unn Hidle, Kathleen Karsten, Susan Kopp, Mabel Lewis-Rose, Theresa Licari, Kira Lupeke, Deborah McMillian-Coddington, Ralph Mitchell, Andrea Morgan-Eason, Margaret Norris, Rosely Octaviano, Lisa O'Donnell, Jenny Palios, Sherrell Powell, Suzanne Rosenberg, Jacqueline Ross, Helen Rozelman, Herbert Samuels, Korto Scott, Arlene Spinner, Robin Sturtz, Valerie Taylor-Haslip

## Dietetics

### SCD007 Co-op Prep-Dietetic Technician

0 credit; 1 hour

This course reviews the policies and procedures for dietetic fieldwork eligibility, introduces students to the skills necessary to successfully complete fieldwork, and aids the student in developing personal and career goals. Students must successfully complete this course in the semester immediately preceding their fieldwork experience.

*Prerequisite:* SCD200

### 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:* ENC/G101, MAT096

*Pre- or Corequisites:* SCB203, SCC210, SCD107, SCD200, SCD206

### SCD200 Introductory Nutrition

3 credits; 3 hours

This course is an introduction to the scientific principles of human nutrition. The following aspects of dietary nutrients are studied: physical and chemical properties, physiological functions, effects of deficiency or excess, dietary allowances, food sources and availability of nutrients from various foods. Current experimental and population studies data will be discussed. Projects will be required.

*Prerequisite:* MAT096; *Pre- or Corequisite:* ENC/ENG101

### 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; 3 hours

This course is a study of the nutritional requirements of individuals throughout the life cycle. Emphasis is placed on the physiological, socioeconomic and cultural factors affecting nutritional status. Nutrition intervention by government and private agencies for population groups at nutritional risk will be addressed.

*Prerequisite:* SCD200

### SCD205 Introduction to Culinary Arts

3 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

2 credits; 4 hours (1 lecture, 3 lab)

This course will introduce students to the concepts, techniques and skills necessary for the assessment of clients' normal nutritional needs for the promotion of wellness through nutritional planning and client counseling. Topics to be addressed include nutrition counseling, gathering nutritional information from medical records, nutrition histories, developing and implementing a nutrition care plan and documenting interventions.

*Prerequisite:* SCD100, SCD107

### 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:* SCD260; *Corequisite:* SCD201

### 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; *Pre- or Corequisite:* SCD202

### 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, SCD206 for DT students only

### **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:* ESL098, MAT096; SCD100, SCD107, SCD206 for DT students only

*Pre-or Corequisite:* ENC/G101

### **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; 3 hours*

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:* MAT096, 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

## **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, ENC/ENG101, SCT101 for PT Assistant majors only

### **SCH150 Drugs and Behavior**

*3 credits; 3 hours*

This course is an overview of drug abuse and addiction. It encompasses issues related to alcohol and drug dependency. A variety of methods is 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 alternatives. Students will have the opportunity to develop a fundamental philosophy and understanding which can be used in more advanced study.

*Prerequisite:* CSE099, ENA/ENG/ESA099/ENC101

### **SCH210 Human Sexuality**

*3 credits; 3 hours*

This is a survey course designed to provide students with knowledge of sexuality as related to their physical, mental, and emotional maturation. Topics to be addressed include: anatomy and physiology of the reproductive system, sexual health concerns, alternative life styles (i.e., bisexuality, homosexuality, and erotic minorities). Emphasis is placed on the positive functional aspects of sexuality rather than the dysfunction.

*Prerequisite:* CSE099, ENA/ENG/ESA099/ENC101, MAT095

## **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 con-

cepts 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: 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 knowl-

edge, 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/ENG/ESA099/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: 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: 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/ENG/ESA099/ENC101*

**Nursing****SCL101 Fundamentals of Practical Nursing***5 credits; 9 hours (3 lecture, 6 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: ENC/ENG101, MAT106, SCB204, SSY101*

*Pre- or Corequisite: SSY240*

**SCL102 The Science & Art of Nursing I: Introduction to Practical Nursing***3 credits; 5 hours (2 lecture, 3 lab)*

This course is designed to familiarize the student with an overview of the history of nursing, communication principles, medical terminology and cultural concepts as they relate to understanding clients across the lifespan. The scope of practice of the Practical Nurse in a variety of health care settings will be defined and explored. Students will be exposed to computer assisted instruction (CAI) and Internet research methods as integral adjuncts to the teaching/learning process.

*Prerequisite: ENC/ENG101, MAT106, SCB204, SSY101*

**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: ENC/ENG101, MAT106, SCB204, SSY101*

**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*

**SCL114 Parent-Child Nursing-PN***6 credits; 23 hours*

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

### **SCL117 Medical-Surgical Nursing II: Specialties-PN**

*5 credits; 22 hours (offered only in the 6-week session)*

This course expands students' knowledge and skills in the provision of care to clients with selected medical-surgical conditions. Clinical experiences will take place in rehabilitation units and medical-surgical specialty units. Observational experiences in the operating room and renal dialysis units will be arranged. Uniform, liability insurance, physical examinations and CPR (BCLS) certification are required. Students must pass the Medical-Surgical Nursing II clinical component to pass this course.

*Prerequisite:* SCL115, SCL116

### **SCL118 Science and Art of Nursing II-Transition Student to PN**

*2 credits; 2 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 in developing critical thinking strategies required for success on the NCLEX-PN examination.

*Prerequisite:* SCL114;

*Corequisite:* SCL119

### **SCL119 Medical-Surgical Nursing-PN**

*7 credits; 22 hours*

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; 5 hours*

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, SCC210, SSY240

### **SCR110 Fundamentals of Nursing**

*6 credits; 12 hours (3 lecture, 3 lab, 6 clinical)*

This course is an introduction to the 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 experience in health facilities involves care of clients with health problems. Proper uniform, liability insurance, physical examinations and CPR (BCLS) certification are required.

*Prerequisite:* ENC/ENG101, SCB203, SCC210, SSY101; and successful attempt at candidacy application (NUR000.4399)

*Pre- or Corequisite:* MAT106

*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/ENG101, SCB203, SCB204, SCC210, SSY101

*Pre- or Corequisite:* MAT106

*Corequisite:* 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.

*Prerequisite:* MAT106, SCB204, SCR110, SCR150, SSY240

### **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:* MAT106, SCB204, SCR110, SCR150, SSY240

*Pre- or Corequisite:* SCB260

### **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: SCR270;**Corequisite: SCR260***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: 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, SCO214, SCO204, 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, SCO204, SCO114, 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, SCB204, SCO110, SSY230**Pre-or Corequisite: SCO214;**Corequisite: SCO284, SCO114***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, reassess-

ment, family involvement, legal, ethical and regulatory issues. Identification of intervention for functional performance deficits is the primary emphasis.

*Prerequisite:* SCO101, SCO110, 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 bodily systems. Consideration will be given to selected disorders, including a survey of pathology, symptomatology, management and prognosis. Knowledge of proper terminology will also be emphasized.

*Prerequisite:* SCB204

### **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/Developmental 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:* SCO215, SCO205

### **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/Developmental 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/ENG/ESA099/ENC101, MAT096

### **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: 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:* SCT220, SCT212, 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 and 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, SCX, 105, 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***1 credit; 1 hours*

This course provides an opportunity for students to improve skills in the areas of general diagnostic procedures, contrast media pro-

cedures, 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. The weekly seminar will be on Black Board. This is a hybrid course.

*Prerequisite:* SCX129

*Corequisite:* SCX201, SCX205, SCX240, SCX250

### **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**

### **SCS150 Mentoring: The Helping Relationship**

*3 credits; 3 hours*

This course offers a study of, and experience in, the helping relationship. Theoretical approaches to the helping process will be covered as well as specific skills. Topics and guest presentations include peer tutoring, problem solving, adolescence, peer counseling and use of a mentor in career development. Students will be involved in seminar discussions, training, and field visits. Each participant serves as mentor in a supervised experience with a high school student.

*Prerequisite:* MAT095, ENC/ENG101 and one of the following: ENG104 or HSC102, or HUC101 or SSY101, minimum cumulative GPA of 2.0

### **SCN194 AIDS in New York City**

*3 credits; 3 hours*

This course is a comprehensive examination of what is currently known about Acquired Immune Deficiency Syndrome (AIDS) and its impact on the New York health care system. Topics to be addressed will include the history of AIDS; definition and transmission; symptoms, diagnosis and treatment; prevention and risk reduction techniques. Students will learn about the political, economic, epidemiological, psychosocial and sociocultural aspects of

HIV infection. Visits to AIDS health care facilities are included.

*Prerequisite:* CSE099, ENA/ENG/ESA099/ENC101

*This is a Writing Intensive course.*

### **SCN195 Community Health**

*2 credits; 2 hours*

This course is a basic orientation to the organization of health care systems in New York City and the position of the health care worker within these systems. Topics will include health careers, the nature of health and disease, prevention of disease, public health measures, types of facilities, payment sources, medical care available and future trends. Visits to local health facilities (e.g., hospitals, nursing homes) are included.

*Prerequisite:* CSE099, ENA/ENG/ESA099/ENC101, MAT095,

*major in Allied Health or permission of instructor*

*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/ENG/ESA099/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:* 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:* 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 precautions and radiograph evaluation and storage as they relate to veterinary medicine.

*Prerequisite:* 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:* 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: ENG101, MAT106, SCC210, SCV201*

**SCV231 Part-Time Research Internship***2 credits; 2 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: ENG102, MAT106, SCV201, SCV209*

**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: 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: SCV201, SCB209;*

*Pre- or Corequisite: CEP151*

**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: 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 E202 (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, Minerva Ahumada, Vera Albrecht, Alberta Arnold, Bruce Brooks, Mark Brooks, Richard Brown, John Chaffee, Salvador Cuellar, Dennis D'Amelio, John Henry Davis, Lisa DeSpain, Sandra Dickinson, Payal Doctor, Dorothy Ellis, Helmut Eppich, Hugo Fernandez, Susan Gizzi, Erika Heppner, Javier Larenas, Robin Levenson, Louis Lucca, Fern Luskin, Rosemary Mayer, Sarah Midkiff, Gustavo Moretto, Eman Mosharafa, Emmanuel Nartey, Sean Palmer, Joyce Rheuban, James Richardson, Gary Richmond, Aaron Rizzieri, Thomas Seymour, Arthur Simms, Patricia Sokolski, Scott Sternbach, Gary Vollo, Phalangchok Wanphet

**HUH100 Exploring the Humanities***3 credits; 3 hours*

Students will identify and examine the concepts and connections among the various disciplines within the humanities such as: philosophy, art, music, theatre, language and literature. They will do so through a series of readings, observations and museum/theatre visits and apply basic principles of aesthetics and interpretation.

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101*

## 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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/ENC101

#### HUM110 Introduction to Jazz

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/ENG/ESA099/ENC101

#### HUM140 Music Theory I

3 credits; 3 hours

This course is designed for beginning musicians and those who would like to learn to read, write, and understand the basic structure of music. They will study both the sight and sound of different tonal and modal scales. Diatonic intervals, primary chords, and key signatures also will be covered. Students will learn to write simple melodies in staff notation from melodic dictation. In addition, this course will emphasize reading music using treble and bass clefs, singing and playing simple melodic and harmonic lines, as well as writing simple melodies and primary chords using staff notation.

*Prerequisite:* CSE099, MAT095

*Pre- or Corequisite:* ENA/ENG/ESA099/ENC101

**HUM144 Musicianship I***3 credits; 3 hours*

This course is designed to provide students with the basic skills necessary to effectively read, perform, learn, practice and rehearse music, and to reinforce these concepts for the more advanced student. This course will provide students with a solid musical foundation and with the musical problem solving skills that will enable them to perform music with confidence and ease. This course is suggested for all students who wish to perform any type of music, and is open to students of all abilities and instruments.

*Prerequisite: CSE099, ESL095, MAT095**Pre- or Corequisite: ENA/ENG/ESA099/ENC101***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/ENG/ESA099/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 repertory 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***HUM155 Voice Class I***3 credits; 3 hours*

Emphasis is on the development of the voice for solo performance. Each student will explore the music most suitable for his or her individual voice or singing style. Class work includes basic music reading, vocal exercises, stage conduct, and vocal styles. There will be both individual and group vocal work in class, including daily solo stage performance. Use of recording and TV taping for development of style and stage professionalism is included.

*Prerequisite: ENA/ENG/ESA099/ENC101, MAT095***HUM156 Voice Class II***3 credits; 3 hours*

Based on foundations and experience in HUM 155, emphasis is on individual vocal and professional development in performance. Class work includes advanced vocal exercises, stage conduct and style, daily solo performance, use of recording techniques, stage and TV taping. Experience involves preparation of resumes and professional programs in various styles of vocal music. Actual working experience will include techniques and adaptations required in TV, recording, opera, clubs, orchestras, and combos. Business aspects of the vocal music profession will be investigated, including: agents, publicity, managers and contracts. Public performance on campus is required. Opportunities for auditions in New York City for professional and semi-professional engagements are provided.

*Prerequisite: MAT095, HUM101 or equivalent, HUM155 or equivalent***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***HUM180 Piano I***3 credits; 3 hours*

This course is open to all students interested in playing the piano but who have had no previous experience. Students in this class will develop the ability to play simple melodies and simple accom-



panying techniques for folk songs, sight read at the keyboard and play easy piano literature from a variety of stylistic eras.

*Prerequisite:* CSE099, ENA/ENG/ESA099/ENC101, MAT095

### **HUM181 Piano II**

*3 credits; 3 hours*

A continuation of HUM180, this course will train students to play more complex compositions. Students also will learn to sight read more difficult musical selections, and will learn to improvise simple accompaniments for folk songs.

*Prerequisite:* HUM180 with grade of C or better or audition

### **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:* HUM180 and 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/ENG/ESA099/ENC101

## **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:* 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: BTC100 or MAC101***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 soundtrack 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: 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: 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, HUT190**Pre- or Corequisite: ENC/ENG101***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: ENC/ENG101, HUT110, HUT190***HUT 122 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.

**HUT175 Directing for the Stage***3 credits; 3 hours*

This course explores the functions and responsibilities of the theatre director: script analysis, transfer or 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/ENG/ESA099/ENC101***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.

**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/ENG/ESA099/ENC101***HUP102 Critical Thinking***3 credits; 3 hours*

This course explores the process of thinking critically, and guides students in thinking more clearly, insightfully and effectively. Concrete examples from students' experience and contemporary issues help students develop the abilities to solve problems, analyze issues, and make informed decisions in their academic, career and personal lives. Substantive readings, structured writing assignments and ongoing discussions help students develop language skills while fostering sophisticated thinking abilities.

*Corequisite: CSE095 or CSE099, ENA/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/ENC101, HUP102, 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/ENG/ESA099/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/ENG/ESA099/ENC101*

**HUC117 Introduction to Computer-mediated Communication***3 credits; 3 hours*

This course examines features of Computer-mediated Communication (CMC) and the effect of technology on human communication, language, and relationships. Topics discussed include the unique properties of language utilized in conducting online discourse; emoticons, flaming, synchronicity, behavior and netiquette, identity (self-representation in online social communities versus

for attraction) the affects of gender–language and purpose in online communication, and communication choices in building relationships.

*Prerequisite:* CSE099, ENA/ENG/ESA099/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/ENG/ESA099/ENC101

### **HUP120 Eastern Philosophical Traditions**

*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/ENG/ESA099/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:* ENC/ENG101, HUP101

## **Speech Communication**

### **HUC101 Fundamentals of Speech Communication**

*3 credits; 3 hours*

This course is designed to introduce the student to a broad understanding of human communication behaviors. Students will learn basic principles and concepts of interpersonal communication, small group communication and public speaking. Topics include: What is communication? What are the types of communication? How does communication affect our perceptions and self-concept? What are verbal and nonverbal communication? What is active listening? How do we prepare and organize an effective presentation?

*Prerequisite:* CSE099

*Pre- or Corequisite:* ENA/ENG/ESA099/ENC101

### **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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/ENC101

### **HUC109 Persuasion 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 debate. The student 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. In addition, the role of persuasion and debate in a democratic society will be explored.

*Prerequisite:* HUC101

**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: 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: CSE099, ENA/ENG/ESA099/ENC101***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: 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/ENG/ESA099/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/ENG/ESA099/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: CSE099, ENA/ENG/ESA099/ENC101***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/ENG/ESA099/ENC101*

### 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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/ENC101*

#### **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/ENG/ESA099/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: 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**

*3.0 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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/ENC101; HUC120 recommended but not required.*

### **HUC150 The Art of Film**

*3 credits; 4 hours*

This course provides an overview of film history and theory. The student learns about aesthetic and technological innovations in the medium, while developing critical skills through screening films selected as representative of a type or concept. The student should expect to pay for film screenings.

*Prerequisite: CSE099, ENA/ENG/ESA099/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/ENG/ESA099/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: ENC/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/ENG/ESA099/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*

### **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. The student should expect to pay for

film screenings.

*Prerequisite: CSE099, ENA/ENG/ESA099/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, ENC/ENG101*

## **Photography**

### **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/ENG/ESA099/ENC101*

### **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/ENG/ESA099/ENC101, HUA130*

### **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/ENG/ESA099/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: 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: 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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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: ENC/ENG101, HUC101, and one Social Science elective from the list on page 184.*

*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: 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/ENG/ESA099/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/ENG/ESA099/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: 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 experiences)*

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/ENG/ESA099/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

### **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/ENG/ESA099/ENC101, and prerequisites of courses in cluster to which LIB110 is assigned.*

*Note: Not required for students who have passed 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**

JJane Devine, Chief Librarian; Dianne Conyers, Francine Egger-Sider, Louise Fluk, Juan Hurtado, Charles Keyes, Alex de Laszlo, Clementine Lewis, Ann Matsuuchi, Eric Moy, Elizabeth Namei, Albert Neal, Steven Ovadia, Terry Parker, Alexandra Rojas, Catherine Stern, Marie C. Spina, Scott White

### **LRC102 Information Strategies: Managing the Revolution**

*3 credits; 3 hours*

This course is an introduction to the nature and use of information and information sources (print, multimedia and electronic) 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 materials found; produce critical, annotated bibliographies to help answer research questions; and face ethical, legal and socio-economic issues of the information age.

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101*

*Pre- or Corequisite: MAT096*

### **LRC103 Internet Research Strategies**

*1 credit; 1 hour*

In this course, students will develop an understanding of Internet concepts and terminology. They will acquire strategies for effectively searching Internet resources, including the Invisible Web. In addition to formulating search strategies, analyzing their results, and modifying searches appropriately, students will learn to evaluate critically the electronic resources found.

*Pre- or Corequisite: CSE099, ENA/ENG/ESA099/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: ENC/ENG101*

# 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

Kamal Hajallie, Chairperson; Sreedevi Ande, Daniel J. Aulicino, Abderrazak Belkharraz, Andrew Berry, Prabha Betne, Denise A. Carter, Gordon Crandall, Marina Dedlouskaya, Hendrick Delcham, Amakoe Gbedemah, Anthony P. Giangrasso, Arnold Glick, Luis Gonzalez, Yasser Hassebo, Jerry Ianni, Alejandro Ibanez, Ahmad Khalil, Javier Mckinley, Rudhra Meangru, Jorge Perez, Yvonne Powell, Zahidur Rahman, William Rosenthal, Renan Sezer, Assad J. Thompson, Frank Wang, Shenglan Yuan

## Computer Courses

### MAC101 Introduction to Computer Science

4 credits; 5 hours (3 lecture, 2 lab)

This is the first course in the Computer Science Program. An emphasis will be placed on algorithmic design using principles of object-oriented programming including objects and classes. Concepts such as inheritance, data abstraction and polymorphism will be included. Students will be required to write several programs in an appropriate language using these concepts.

*Prerequisite:* CSE099

*Pre- or Corequisite:* ENA/ENG/ESA099/ENC101, MAT200 or MAT241

### MAC109 Introduction to Visual Programming

3 credits; 4 hours (3 lecture, 1 lab)

This course introduces Windows and GUI concepts and applications through objects and programming. Students will learn to develop real-world Windows applications through an event-driven language, such as Visual Basic. Additionally, students will learn basic programming concepts such as arithmetic operations, logical operations and interactive structures.

*Prerequisite:* BTC100 or BTC101 or MAC101

### MAC110 Systems Analysis and Design

3 credits; 4 hours (3 lecture, 1 lab)

This course introduces the student to the analysis and design of computer-based systems with consideration given to organizational structures, form design, file design, data structures, scheduling, operations research techniques, and hardware and software organization. Actual and simulated case studies will be utilized. The student will develop and program a prototype and document

a comprehensive systems study.

*Prerequisite:* ENC/ENG101, MAC109 or MAC195 or MAC196

### MAC125 C/C++ Programming

3 credits; 4 hours (3 lecture, 1 lab)

This course introduces the C and C++ programming through the implementation of various algorithms and the use of an object-oriented approach. Topics include: input/output, expressions, operators, basic data types, functions, flow-control, macros and classes. Structured as well as object-oriented techniques will be emphasized. The course emphasizes structured design and problem solving. Laboratory assignments are required.

*Prerequisite:* MAC101 or MAC109, MAT200 or MAT241

### 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

### 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, 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 work-stations 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/ENG/ESA099/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; 4.0 hours (3 class, 1 lab)*

This course provides a detailed, indepth 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; 4.0 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: 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*

### **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*

### **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

### **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; the configuration of data communication systems including a description of the codes, modems, terminals, software and methods of line organization. Both a project and a case study are integral elements of the course and are carried out as a part of laboratory assignments.

*Prerequisite:* BTC100 or BTC101 or MAC101

### **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 Computer Hardware Interfacing and Programming**

*3 credits; 4 hours (3 lecture, 1 lab)*

The course will introduce the student to techniques in controlling

a computer system and will include interfacing techniques such as memory mapped and isolated I/O, hardware/software interrupts, polling and assembler language. Programming will include such topics as: addressing modes, arithmetic and logic instructions, conditional branching, stacks, subroutines.

*Prerequisite:* BTC100 or BTC101 or MAC101

### **MAC286 Data Structures**

*3 credits; 4 hours (3 lecture, 1 lab)*

This advanced computer science course focuses on data structures. It is assumed that the student is familiar with basic computer concepts of object-oriented programming. Topics will include linear data structures such as linked lists, stacks, queues and trees, file processing concepts, sorting and searching, and recursion. Programming assignments will focus on implementing complex algorithms.

*Prerequisite:* MAC190, MAT200 or MAT241

### **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 will provide students with the knowledge needed to diagnose and repair stand-alone and networked personal computers. The student will learn about hardware, including disk

drives, mainboards, video boards, network interface cards and modems. Students will learn how to set up, diagnose, and repair network connections, servers and workstations. Students will work with testing equipment such as oscilloscopes, patch boxes, LAN testers, and wiring tools. General software diagnostic tools will be used. The student should expect to pay for additional materials for this course.

*Prerequisite: MAC231 or MAC232 or MAC233 or MAC292*

### **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: MAC196 or MAC265, MAT200 or MAT241*

## **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/ENG/ESA099/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*

### **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: ENC/ENG101, MAE100*

### **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: SCP231, MAT203*

### **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: SCP231, MAT203*

### **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: SCP232, SCC201, MAT203, MAT204*

## Mathematics Courses

### **MAT095 Introduction to Algebra**

0 credit; 6 hours (5 lecture, 1 lab)

(Equivalent to First Year Institute USM095)

This 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 and inequalities, rules of exponents, equations of lines) and basics of geometry (area of 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.

### **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 equation, ending with the parabola/quadratic equation, and emphasizing the interplay between geometric and algebraic representation. Topics include graphing, systems of linear equations, functional concepts, rules of exponents, polynomial algebra, factoring, rational expressions, complex fractions, radical expressions and the quadratic formula. Applications to linear and quadratic modeling are featured.

Admission to the course is based on placement test scores.

### **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.

Prerequisite: CSE099, ENA/ENG/ESA099/ENC101, MAT096

### **MAT115 College Algebra and Trigonometry**

3 credits; 4 hours (3 lecture, 1 lab)

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, COMPASS scores of 35 or higher on the Pre-algebra portion and between 40 and 54 inclusive on the Algebra portion.

Note: A student may be placed in MAT200 with COMPASS scores of 35 or higher on the Pre-algebra portion and 55 or higher on the Algebra portion.

### **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: MAT096, COMPASS scores of 35 or higher on the Pre-algebra portion and 40 or higher on the Algebra portion.

### **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 serves as an examination of the theoretical developments of mathematics from antiquity to the end of the last century. Mathematical thought will be studied in relation to the social, economic and technological forces of various crucial periods. Among

the topics treated historically are systems of numeration, logic, geometry from Euclid through Riemann, and the development of the modern computer beginning with primitive instruments.

*Prerequisite:* ENA/ENG/ESA099/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 will be analyzed theoretically within a framework that emphasizes their roles in applied settings. Particular attention will be placed on polynomial, exponential, logarithmic and trigonometric models. The use of graphing utilities as analytical tools will be emphasized. Each student is required to have a graphing calculator.

*Prerequisite:* MAT115, COMPASS scores of 35 or higher on the Pre-algebra portion and 55 or higher on the Algebra portion.

### **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 MAT201-202 and to provide a more rigorous conceptual grounding for the entire calculus sequence. Topics to be covered include limits and continuity, indeterminate forms, infinite series, the Taylor expansion and applications, solid geometry, the calculus of several variables, and an introduction to partial derivatives.

*Prerequisite:* 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

### **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/ENG/ESA099/ENC101, MAT096

*Pre- or Corequisite:* 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 differentia-

tion and integration of algebraic, exponential, logarithmic and trigonometric functions, curve sketching, rectilinear motion, extrema, area and volume.

*Prerequisite: MAT241*

## Natural and Applied Sciences Department

In 2009, the Natural and Applied Sciences Department was divided into two departments, Health Sciences and Natural Sciences. The following programs/areas were assigned to Health Sciences:

- > Dietetics
- > Health
- > Human Services
- > Nursing
- > Occupational Therapy
- > Paramedic
- > Physical Therapy
- > Science
- > Veterinary Technology

The following programs/areas were assigned to Natural Sciences:

- > Biology
- > Chemistry
- > Physical Sciences

## Natural Sciences Department

### Department Faculty

Burl Yearwood, Chairperson, Olga Calderon, Alfredo Cifuentes, Sarah Durand, Tahereh Entezari Zaher, James Frost, Carol Haspel, Nalband Hussain, Dionne A. Miller, Howard Motoike, Jaime Nieman, Sidney Noelle, Thomas Onorato, Preethi Radakrishnan, Armando del Rio, Ivan Rivera-Torres, Karim Sharif, Lhamo Tshering, D. Priyantha Wijesinghe, Boris Zakharov

### Biology

#### SCB101 Topics in Biological Sciences

*3 credits; 4 hours (2 lecture, 2 lab)*

This course gives an introduction to the scientific method the origin and organization of life and reproduction and ecology. The relevance of modern biological theory to human life in particular areas will be emphasized using selected topics such as urban pollution and population control.

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101, MAT096*

#### SCB115 Principles of Biology

*4 credits; 6.0 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/ENG/ESA099/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.*

#### SCB201, 202 Fundamentals of Biology I and II

*4 credits; 6 hours each (3 lecture, 1 recitation, 2 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/ENG/ESA099/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/ENG/ESA099/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

### **SCB208 Vertebrate Anatomy and Physiology 1**

*2 credits; 3 hours (1 lecture, 2 lab)*

This course introduces the student to the evolution, anatomy and physiology of the major vertebrate classes. Emphasis is placed on the taxonomy and characteristics of vertebrates. Muscle and bone organization and the physiology of contraction are also covered in depth. In the laboratory, students have the opportunity to dissect representative non-mammalian vertebrates.

*Prerequisite:* SCN101 for students in Veterinary Technology Program, SCB202 for all Associate in Science students, SCC140

### **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**

*2 credits; 4 hours*

This is an intensive one-semester laboratory-based course in biotechniques. Students will learn how to form hypotheses, design experiments, analyze data, and review science literature. Students will perform techniques such as bacterial transformation, purification of nucleic acids, Polymerase Chain Reaction (PCR), electrophoresis, DNA microarray analysis, enzyme-linked immunosorbent assay (ELISA) and histological techniques, while learning the responsible conduct of research and bioethics.

*Prerequisite:* ENG101, MAT115, SCB201, SCC201

### **SCB255 Cell Biology**

*4 credits; 6 hours*

This is an upper-level 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, chromatin remodeling, signal transduction, cancer, apoptosis and stem cells. Students, by conducting hypothesis-driven science, will be introduced to state-of-the-art techniques.

*Prerequisite:* ENG102, MAT200, SCB202, 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; 4 hours (2 lecture, 2 lab)*

This course is a one-semester survey of the principles and applications of chemistry. Emphasis will be placed upon descriptive chemistry in areas such as food and drugs, synthetics and biological chemistry. Lecture and discussion will be complemented by laboratory experiments in which chemical principles and techniques are applied to the analysis and synthesis of familiar items. *Note:* This course is not open to students with credit in SCC140 or SCC201.

*Prerequisite:* CSE099, ENA/ENG/ESA099/ENC101, MAT095

### **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/ENG/ESA099/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.

*Prerequisite for SCC201:* CSE099, ENA/ENG/ESA099/ENC101, 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***SCC205 Introduction to Chemistry***4 credits; 6 hours (3 lecture, 3 lab)*

This course serves as an introduction to chemistry. It is intended for students who require one semester of laboratory based science. Topics include measurements, atomic structure, the Periodic Table, ionic and molecular compounds, stoichiometry, energy, physical states of matter, solutions, acids and bases. This course does not fulfill the requirements for students planning to apply to the pre-health or veterinary programs at LaGuardia.

*Prerequisite: CSE099, ENA/ENG/ESA099/ECC101, MAT115***SCC210 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/ENG/ESA099/ENC101, MAT096***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: MAT096, SCC202**Prerequisite for SCC252: SCC251***Environmental Science****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: 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: 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***Physical Sciences****SCP101 Topics in Physical Sciences***3 credits; 4 hours (2 lecture, 2 lab)*

This course consists of a survey of the major concepts in physics, astronomy, chemistry, and geology. The physics section includes the theory of motion (kinematics); the law of conservation of energy; different forms of energy, especially electrical and atomic; and the laws of wave motion and optics. The astronomy section deals with both planetary and stellar astronomy. The unit on chemistry emphasizes the structure of atoms and their combination into molecules. Finally, the segment on geology centers on the theory of plate tectonics and how it is used to explain phenomena such as earthquakes and volcanoes.

*Prerequisite: CSE099, ENA/ENG/ESA099/ENC101, MAT095***SCP140 Topics in Astronomy***3 credits; 4 hours (2 lecture, 2 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. Students should expect field trip expenses of about \$20.00.

*Prerequisite: CSE099, ENA/ENG/ESA099/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/ENG/ESA099/ENC101, MAT096*

*Prerequisite for SCP202: SCP201*

### **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/ENG/ESA099/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*

## Social Science Department

### **Room E235 (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**

Lily Shohat, Chairperson; Gilberto Arroyo, Lakshmi Bandlamudi, Lara Beaty, Vanessa Bing, Bojana Blagojevic, Lorraine Cohen, Timothy Coogan, Nurper Gokhan, Solomon Kone, Steven Lang, Richard K. Lieberman, Arianna Martinez, Janet Michello, Karen Miller, Vince Montes, Sreca Perunovic, Joanne Pierre-Louis, Joanne R. Reitano, Lawrence Rushing, Shara Sand, John Shean, Maritza Straughn-Williams, George Sussman, Eduardo Vianna, 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/ENG/ESA099/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/ENG/ESA099/ENC101*

### **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/ENG/ESA099/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: 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, ENC/ENG101, HUC101 or HUL100, and one Social Science elective from the list on page 160.*

*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/ENG/ESA099/ENC101, MAT095, and one Social Science elective from the list on page 160.*

*This is a Writing Intensive course.*

## **Criminal Justice**

### **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: CSE099, ENA/ENG/ESA099/ENC101*

### **SSJ102 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: ENC/G101, SSJ101*

### **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 corrections and sentencing ideology are discussed, as well as the functions of agencies that provide correctional services: probation, jails, prisons, parole and intermediate sanctions. In addition, important controversies and major trends in contemporary correctional practice are explored.

*Prerequisite: ENC/G101, SSJ101*

### **SSJ203 Policing**

*3 credits; 3 hours*

This course examines the historical development, present organization and multiple functions of policing. Readings based on theory and empirical research will examine key areas in policing including: recruitment and training; stress and hazards of policing; police subcultures; methods of policing; criminal investigation; legal concerns; police accountability, ethics and corruption; community policing and police-minority relations.

*Prerequisite: ENC/G101, SSJ101*

### **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: ENC/G101, SSJ101*

*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/ENG/ESA099/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. Institution arrangements of monetary and fiscal policy to address unemployment and inflation will also be covered.

*Prerequisite:* CSE099, ENA/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/ENC101, MAT095, and one Social Science elective from the list on page 160

*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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/ENC101, MAT095, and one Social Science elective from the list on page 160*

*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/ENG/ESA099/ENC101, MAT095, and one Social Science elective from the list on page 160*

*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/ENG/ESA099/ENC101, and one Social Science elective from the list on page 160*

*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/ENG/ESA099/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/ENG/ESA099/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 strate-

gies 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/ENG/ESA099/ENC101, MAT095*

### **SSP240 Crime and Punishment**

*3 credits; 3 hours*

This course deals with the purposes and problems of penal systems, old and new, national and international. The course will investigate the relationship between the criminal, punishment, society and politics. Selected famous cases will be studied in detail as will the American criminal justice system and the issue of the death penalty.

*Prerequisite: CSE099, ENA/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/ENC101, and one Social Science elective from the list on page 160*

*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/ENG/ESA099/ENC101, and one Social Science elective from the list on page 160*

*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/ENG/ESA099/ENC101, MAT095, and one Social Science elective from the list on page 160*

*This is a Writing Intensive course.*

## **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/ENG/ESA099/ENC101, MAT095*

### **SSY105 Learning and Education: Childhood to Adolescence**

*3 credits; 3 hours*

This course examines the principles of 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 the nature of intelligence and its implications for how children learn in school. Students will be taught research and child observation methods and how to apply these tools in diverse educational and community settings.

*Prerequisite: ENC/ENG101*

*This is a Writing Intensive course.*

### **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*

### **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: 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: CSE099, ENA/ENG/ESA099/ENC101, MAT095, 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 environment. Among the topics discussed are: forming attitudes, conformity in groups, helping others, prejudice and environmental stress. Research methods will also be introduced.

*Prerequisite: SSY101*

### **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/ENG/ESA099/ENC101, and one Social Science elective from the list on page 160*

*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/ENG/ESA099/ENC101, and one Social Science elective from the list on page 160*

*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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/ENC101, and one Social Science elective from the list on page 160

*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/ENG/ESA099/ENC101, MAT095, and one Social Science elective from the list on page 160

*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 160

*Prerequisite for Computer Technology, and Engineering Science majors:* CSE099, ENA/ENG/ESA099/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/ENG/ESA099/ENC101, and one Social Science elective from the list on page 160

*This is a Writing Intensive course.*

### SSN194 Religion and Social Change

3 credits; 3 hours

This course will trace the evolution of traditional and nontraditional 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/ENG/ESA099/ENC101, MAT095, and one Social Science elective from the list on page 160

*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 con-

flict to environmental issues within urban settings.

*Prerequisite:* CSE099, ENA/ENG/ESA099/ENC101, MAT095

### **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/ENG/ESA099/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/ENG/ESA099/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/ENG/ESA099/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:* 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/ENG/ESA099/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.

<b>N.Y.S. Program Name</b>	<b>N.Y.S. Degree Approved</b>	<b>H.E.G.I.S. Code No.</b>
Accounting	AAS	5002
Biology	AS	5604
Business Administration	AS	5004
Business Management	AAS	5004
Commercial Foodservice Management	AAS	5404
Commercial Photography	AAS	5007
Commercial Photography	CERT	5007
Communication Studies	AA	5606
Computer Operations	AAS	5105
Computer Programming and Systems	AAS	5103
Computer Science	AS	5103
Computer Technology	AAS	5105
Criminal Justice	AS	2105
New Media Technology	AAS	5199
New Media Technology Digital Arts	CERT	5199
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
Human Services: Child Development	AA	5503
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
Mortuary Science	AAS	5299.20
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
Radiologic Technology	AAS	5207
School Foodservice Management	AS	5404
Spanish-English Translation	AA	5599
Travel, Tourism and Hospitality Management	AAS	5011.10
Veterinary Technology	AAS	5206
Word Processing Specialist Certificate	CERT	5005
Writing and Literature	AA	5615



# LaGuardia Community College Administration

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Dr. Sandra S. Hanson, *English Department*

Rosann T. Ippolito, *Health Sciences Department*

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Michael Napolitano, *Business and Technology Department*

Bruce Noble, *Principal, Robert F. Wagner, Jr. Secondary School for Arts and Technology*

Lee Pan, *Principal, The International High School*

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Victoria Badalamenti, *Director, The English Language Center*

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Kimberly Kendall, *Director, Career and Professional Programs*

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Renee Butler, *Assistant Dean for Student Development*

Reine Sarmiento, *Assistant Dean for Enrollment Services*

Gail Baksh-Jarrett, *Senior Director of Enrollment & Student Financial Services*

T. Porter Brannon, *Registrar*

Loretta Capuano-Vella, *Director of Student Information Services*

Elizabeth Carde, *Staff Nurse, Health Services Center*

LaVora Desvigne, *Director of Admission Services*

Sonya Evariste, *Director Early Childhood Learning Center Programs*

Brian Goldstein, *Senior Director of Student Life and Recreation*

Danielle Insalaco-Egan, *Director of Student Engagement*

Matthew Joffee, *Senior Director for Student Services and Disabled Programs*

Luis Merchant, *Student Judiciary Officer*

Jhony Nelson, *Director of the Office for Students with Disabilities*

Pressian Nicolov, *Director of International Students*

Maria Riggs, *Student Advocate/Ombuds Officer*

## Office of the Vice President for Institutional Advancement

E. Ramone Segree, *Vice President*

Susan Lyddon, *Acting Executive Director of Institutional Advancement*

Angela Wambugu Cobb, *Director of Development*

William Kelly, *Editorial Managing Director, Marketing & Communications*

## Office of the Vice President for Information Technology

Henry Salties, *Vice President*

Bradford Orcutt, *Associate Dean*

Nathan Dickmeyer, *Director of Institutional Research*

Billy Lau, *Director of Network Administration*

William Lindner, *Director of Information Systems*

Theresia Litvay-Sardou, *Director of Instructional Services and Media Distribution*

# 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/DegreeWorks](http://www.laguardia.edu/DegreeWorks). 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 counselor or faculty 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 7). 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 two Basic Writing courses: Basic Writing (ENA099) for those students who are placed into CSE095, and Basic Writing (ENG099) 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 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 12)**

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**

As part of the requirements for the LaGuardia degree, all day students are required to complete successfully Cooperative Education courses or their equivalent. In addition, extended day 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 Technology, Childhood Education, Secondary Education, Education Associate: The Bilingual Child, Physical Therapist Assistant, and School Foodservice Management. Students in these specialized curricular areas should consult with their departments for specific guidelines regarding their Cooperative Education requirements. For further discussion of the Cooperative Education program and requirements, please refer to the Cooperative Education section of this catalog.

## **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.lagcc.cuny.edu/assessment>.

*Critical Literacy (written communication, critical thinking, and critical reading).* Critical Literacy is the ability to read, write, and think about texts in a reflective manner. Developing critical literacy skills allows students to understand and think about the world around them and encourages them to investigate and interrogate societal institutions and issues.

*Quantitative Reasoning.* Quantitative Reasoning is the ability to apply mathematical concepts to real-life problem solving. Developing quantitative reasoning skills allows students to read charts, and graphs, and use that data to consider real-life questions.

*Oral Communication.* Oral Communication is the effective interpretation, composition, and presentation of information, ideas and values verbally. Developing oral communication skills allows students to become effective communicators on-campus, in the work place and in their communities.

*Research and Information Literacy.* Research and Information Literacy is the ability to recognize when information is needed and to locate, evaluate, and use it effectively. Developing research and information literacy skills allows students to understand how to get information and how to use the information they find in responsible and effective ways.

*Technological Literacy.* Technological Literacy is the ability to understand and responsibly use technology. Developing technological literacy skills allows students to use technology for a variety of academic and personal purposes.

## LIBERAL ARTS ELECTIVE REQUIREMENTS

In general, courses offered by the departments of Education and Language Acquisition; English; Humanities; Library; Mathematics, Engineering and Computer Science; Natural Sciences; and Social Science are considered liberal arts courses and may be used to fulfill the liberal arts elective requirements specified in each degree program.

Liberal arts electives provide you with a valuable opportunity to round out your academic program. They can also help you prepare for transfer to four-year colleges and help you meet the liberal arts distribution requirements at those schools. Most courses offered by the above-mentioned departments can be used to fulfill the liberal arts elective requirement.

*See below for Courses that DO NOT count as Liberal Arts*

### Courses that DO NOT count as Liberal Arts

Courses that are listed below cannot be used to fulfill the liberal arts requirement but may be used as unrestricted elective credit.

#### Business and Technology

All courses

#### Communication Skills

- CSE095 Essentials of Reading I
- CSE099 Essentials of Reading II
- CSE103 Advanced Reading and Study
- CSE105 Vocabulary Enhancement
- CSE200 Speed Reading
- CSX099 Reading ACT Workshop
- CSZ099 Academic Reading Strategies

#### Cooperative Education

All courses

#### English

- ENA099 Basic Writing
- ENG099 Basic Writing
- ENG098 Basic Writing 2
- ENG112 Writing for Business
- ENZ099 ACT Writing Workshop

#### Education and Language Acquisition

- ELB102 Educational Psychology: The Bilingual Child in an Urban Environment
- ELB103 Principles and Practices of Bilingual Education and ESL
- ELB200 Teaching Reading & Language Arts in the Bilingual Classroom
- ELS220 Commercial Spanish
- ESA099 Basic Writing (ESL)
- ESL097 ESLII
- ESL098 ESLIII
- ESL099 ESLIV
- ESR098 ESLIII for Selected Readers
- ESR099 ESLIV for Selected Readers

#### Health Sciences

- SCH111 Aging and Health
- SCN195 Community Health

#### Human Services

- HSC130 Activities for Human Services Settings
- HSC135 Human Services Roles and Systems
- HSC201 Cooperative Education Child Development
- HSC203 Human Services Internship and Seminar 1
- HSD170 Integrated Curriculum A: Framework for the Developing Child
- HSD171 Integrated Curriculum B: Developing Problem-Solving Skills
- HSD172 Integrated Curriculum C: Developing Creativity
- HSD204 Child Development Internship and Seminar 2
- HSD205 Child Development Internship and Seminar 3
- HSM204 Mental Health/Gerontology Internship and Seminar 2
- HSM205 Mental Health/Gerontology Internship and Seminar 3

#### Humanities

- HUA103 Beginning Drawing
- HUA104 Introduction to Design
- HUA106 Three-Dimensional Design
- HUA107 Form and Structure
- HUA110 Beginning Painting
- HUA115 Color Theory
- HUA120 Beginning Sculpture
- HUA125 Computer Art
- HUA126 Computer Art II
- HUA130 Beginning Photography
- HUA131 Digital Photography I
- HUA145 Studio Lighting I
- HUA155 The View Camera, Large Format Photography
- HUA180 Life Drawing
- HUA185 Illustration
- HUA190 Technical Drawing
- HUA203 Intermediate Drawing
- HUA210 Intermediate Painting
- HUA220 Intermediate Sculpture
- HUA230 Intermediate Photography
- HUA231 Digital Photography I
- HUA232 Digital Photography II
- HUA234 Color Photography
- HUA235 Color Darkroom Techniques
- HUA238 Alternative Photography: The Manipulated Image
- HUA245 Studio Lighting II

HUA280 Commercial Photography Seminar  
 HUA285 Graphic Narrative  
 HUC105 Voice and Diction Workshop  
 HUC195 Theatre Production  
 HUC240 Production Workshop  
 HUC241 Production Workshop II  
 HUD101 Theatrical Dance I  
 HUD102 Theatrical Dance II  
 HUM146 Music Audio Recording I  
 HUM151 Contemporary Vocal Ensemble  
 HUM155 Voice Class I  
 HUM156 Voice Class II  
 HUM170 Guitar I  
 HUM171 Guitar II  
 HUM180 Piano I  
 HUM181 Piano II  
 HUM182 Piano III  
 HUM190 Percussion I  
 HUM191 Percussion II  
 HUM201 The American Musical Theatre: A Production Workshop  
 HUN245 The New York Theatre Experience  
 All courses that begin with HUW

#### **Mathematics, Engineering and Computer Science**

All courses that begin with MAC  
 MAE101 Engineering Lab 1  
 MAE103 Engineering Lab 2  
 MAE211 Engineering Mechanics: Statics  
 MAE213 Electrical Circuits I  
 MAE219 Thermodynamics I  
 MAT095 Essential Math I  
 MAT096 Essential Math II  
 MAT106 Math of Medical Dosages

#### **Dietetic Technician**

All courses except SCD200 Introductory Nutrition

#### **EMT/Paramedic**

All courses

#### **Occupational Therapy Assistant**

All courses

#### **Physical Therapist Assistant**

All courses

#### **Nursing/Practical Nursing**

All courses

#### **Veterinary Technology**

All courses

#### **Social Science**

SCD105 Computers and Society (cross-listed as BTC105)

### **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 the Enrollment Services Center, C-107. The office serves the students of LaGuardia in a variety of ways. In addition to coordinating and implementing the registration process, the Enrollment Services Center 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 the Enrollment Services Center, C-107, 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**

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### **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 the Enrollment Services Center, C-107.

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 advisor or counselor 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 the Enrollment Services Center, C-107, 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, M-400.

#### **Individualized courses**

At the discretion of the department, the College offers students the chance to accomplish the goals of pre-existing courses in a non-traditional mode. The project must be based on and fulfill the instructional and performance objectives of the existing courses. Students interested in pursuing such a project must meet depart-

mental prerequisites for the existing courses and must provide a transcript of work already completed to the instructor. Students must also secure permission from the instructor and the chairperson of the appropriate academic department. The permission form is available in the Enrollment Services Center, C-107, and must be returned at the time of registration. The formal learning contract must be developed and submitted to the Registrar's Office by the deadline date. The course may be offered if any of the following conditions are met:

1. The student needs the course to graduate in the next semester;
2. The course is required for the student's progress in a sequence;
3. The course has been cancelled by the College; or
4. The course won't be offered in the current session or the next session.

In addition:

1. The student may take a maximum of 6 credits of individualized courses but may not engage in more than 3 credits of individualized course study per session (A request for waiver may be made to the Office for Academic Affairs, M-400);
2. The student must meet departmental requirements of prerequisites for individualized course study;
3. The student and faculty member must have met and formalized a learning contract within stated time requirements; and
4. The course must be among those listed as being offered for individualized course study by the department.

In order to pursue Independent Study or an Individualized Course, students must complete the following steps.

### **Faculty approval**

The student must consult a faculty member who is willing to serve as an instructor. A Request to Register 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 the Enrollment Services Center 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 7-11.

## **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 the CUNY Portal at [www.cuny.edu](http://www.cuny.edu). Registration information is available on the college's website: [www.laguardia.edu](http://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 eSIMS registration system using the CUNY Portal at [www.cuny.edu](http://www.cuny.edu). Click on the eSIMS "Registration" menu link 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 Change of Program has ended you must also access the eSIMS registration system using the CUNY Portal at [www.cuny.edu](http://www.cuny.edu). Click on the eSIMS "PNC/W Grade Request" menu link to view all registered courses. Click WITHDRAW next to the desired course(s). If you withdraw during the official withdrawal period, you will receive a "W" as a grade and will be responsible for all tuition charges.

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 the Enrollment Services Center, C-107. 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 the Enrollment Services Center 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 the Enrollment Services Center 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 COOPERATIVE EDUCATION

Termination or withdrawal from a Cooperative Education internship is subject to the approval of the student’s Co-op 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 by the Co-op Faculty Advisor, subject to normal grading procedures of review and appeal of Cooperative Education grades.

## CHANGE OF MAJOR

Students may request to change their major by submitting a Change of Major Form available from the Enrollment Services Center in C-107. Due to New York State financial regulations, Change of Major Forms submitted after the Session-I (12 week) Census Day 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 C-107  
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.

### To apply for an ePermit follow these 5 simple steps:

1. Go to the CUNY homepage ([www.cuny.edu](http://www.cuny.edu))
2. Log On to your CUNY Portal account

3. After logging in, scroll down to “My Page” and click on the “ePermit” link
4. The ePermit page will open, re-enter your Portal ‘Username’ and ‘Password’
5. Detailed instructions are displayed on how to use ePermit. Click on ‘Create New Permit’ located on the left menu

### **CUNY Portal Instructions ([www.cuny.edu](http://www.cuny.edu)):**

To apply for a CUNY Portal account, follow these 6 simple steps:

1. On the CUNY Portal home page, click ‘Portal Log-in/Blackboard/eSIMS’ under the ‘QUICKLINKS’ menu in the upper left corner.
2. On the ‘Portal Log-In’ page. Click ‘create a new account’ in the center of the page.
3. Select the option that best describes your current affiliation with the University.
4. On the User Validation page you must enter your Last Name, Social Security Number and Date of Birth. Click ‘Next’ to confirm your entry.
5. Click ‘Confirm’ to verify the information you entered on the previous page.
6. Select and confirm your password and email address. Then click the ‘Save’ button. Make sure you write down your user name and password and store them in a safe place. You will need them each time you visit the Portal!

### **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 the Enrollment Services Center, C-107, 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 \$10 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 at the Enrollment Services Center, C-107, 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 \$10 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 academic record would prevent them from being reinstated under regular College policy/guidelines 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 allows students who would otherwise not be able to return to LaGuardia 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):

<b>A-, A</b>	=	90-100
<b>B-, B, B+</b>	=	80-89
<b>C-, C, C+</b>	=	70-79
<b>D-, D, D+</b>	=	Lowest passing grade (see D grade policy below)
<b>F</b>	=	Failure (see F grade policy below)
<b>FIN</b>	=	Failure from incomplete (see note below)
<b>WN</b>	=	Unofficial Withdrawal (see note page 196)
<b>WU</b>	=	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 coursework 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.

**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, M-147, 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.

**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 September 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 Counseling Department, C-239.

### 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	Minimum Cumulative GPA for Good Academic Standing
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 from College Discovery and the Counseling Department 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 (B-100) or in the Enrollment Services Center (C-107). 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 the City University Proficiency Exam (CPE). 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 commencement program. 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 commencement program. Students can review their progress towards graduation anytime at [www.laguardia.edu/DegreeWorks](http://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.

### **COLLEGE PREPARATORY INITIATIVE (CPI)**

CPI is indefinitely suspended effective 9/1/2006.

### **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." This is available in the Admissions Office and must be filed by the deadline. Courses completed for the first credential may also be used to meet the requirements of the second credential. Students must re-register 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, M-147. 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 Cooperative Education requirements.

# Internship Programs and Cooperative Education

One of the major premises underlying LaGuardia's educational model is that learning takes place in many different settings, both in and outside the classroom. LaGuardia provides students with a variety of internship opportunities that enable them to realize their full potential in work, education, and everyday life.

The Cooperative Education internship program offers students the opportunity to learn through meaningful experiences in the workplace. 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

Co-op faculty work closely with students throughout their Co-op experience. They guide students through the program, advise them in the selection of internships based on career, personal and educational objectives, and help students to assess what has been learned through their internships and seminars.

Day students are required to take a specific number of internships depending on their major. Internships are also required for extended day students in the following specialized curricular areas: Dietetic Technology, Elementary and Secondary Education, Education Associate: The Bilingual Child, Human Services, Occupational Therapy Assistant, Physical Therapist Assistant, School Foodservice Management, and Veterinary Technology. Students in these specialized curricular areas should consult with their departments for specific guidelines regarding their Cooperative Education requirements.

## The Cooperative Education Program

### FUNDAMENTALS OF PROFESSIONAL ADVANCEMENT

Prior to taking an internship, students in a First Year Academy complete the Fundamentals of Professional Advancement course. Academy students take this course during their second semester.

### Prerequisites to internships

Prior to their first internship, students must have fulfilled the following requirements:

- Completion or waiver of basic skills courses as specified by the Cooperative Education Department;
- completion of Fundamentals of Professional Advancement;
- evidence of satisfactory academic progress. Students are required to have at least a 2.0 cumulative grade point average prior to taking an internship; and
- completion of the appropriate introductory or other prerequisite courses in the student's major.

Responsibility for deciding whether a student is ready to go out on an internship rests with the student's Co-op Faculty Advisor. Appeal of this decision should be addressed to the Chair of the Cooperative Education Department.

### THE INTERNSHIP

A Cooperative Education 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 over 350 cooperating companies, government agencies, and not-for-profit organizations. The internships span a wide range of fields and include positions in accounting, business, education, communications, computer-related fields, fine arts, government and public policy, health care, journalism, law, media, office technology, publishing, scientific research, social work and many other areas.

Students may develop their own internships or use existing jobs as internships if the work fulfills career-related learning objectives. Interested students must first receive permission from Co-op faculty.

While on internships, students work as regular employees of the organizations in which they are placed. They are expected to

follow the rules and regulations of these organizations and perform their duties as would any other employee. During the internship, students are visited by the Co-op faculty member who placed them. Co-op faculty are available throughout the term should problems arise.

Students are evaluated by their internship site supervisor. This evaluation is a major part of the final grade for the Co-op experience. (Grading is discussed in greater detail later in this section.)

## THE INTERNSHIP SEMINAR

LaGuardia Community College believes in the value of linking work experience with opportunities for critical analysis and reflection. While on their internships, students return to the College to attend Internship Seminars. The seminar curriculum provides a framework for students to analyze and evaluate their internship experiences.

The purpose of the seminar is to enable students to:

- ▶ Gain meaning from the day-to-day occurrences of their internships in order to broaden their understanding of theoretical concepts as they apply to real life situations;
- ▶ develop insights into the relationship of the self to work and to the larger society by understanding their own values and strengthening an awareness and appreciation of differences;
- ▶ understand the steps required in the career decision-making process to plan for professional mobility and lifelong learning; and
- ▶ develop the personal and professional skills and strategies that will facilitate success in the next stages of life.

Part of the Co-op requirement is the successful completion of an internship seminar. The seminar is normally taken during each internship term. In special cases, a student's Co-op Faculty Advisor may approve taking the seminar in a subsequent term. In unique circumstances, a student may make arrangements with the Co-op Faculty Advisor for an individualized project in place of a seminar.

## GRADING

The Cooperative Education internship grade is determined by the degree to which a student meets the requirements for both the internship and the internship seminar. The internship and seminar grades each contribute 50% toward the final grade. Students must pass both the internship and the seminar to receive a passing grade for the Cooperative Education course. Students must meet with their Co-op Faculty Advisor for a final evaluation conference during the early weeks of the term following their internship to receive a final grade. Failure to do so will result in a failing grade for the Cooperative Education course.

The internship grade is based on the Co-op Faculty Advisor's on-site visit evaluation, the employer evaluation, and the student's progress toward achieving learning objectives as described in a Final Evaluation essay.

The seminar grade is based on grades received on class assignments, classroom participation and attendance.

The Co-op Faculty Advisor determines the final Cooperative Education grade based on the above two grades. Only the final grade will appear on the student's transcript.

The Cooperative Education Department does not place or grant further Cooperative Education credit to a student who has received two F grades in Cooperative Education courses. Appeals may be made to the Academic Standing Committee.

## Financial Aid and Cooperative Education

By Federal law, projected Co-op earnings, minus expenses, will be applied against all financial aid awards other than TAP and PELL. Students must consult with their Co-op Faculty Advisor and a Financial Aid Counselor to determine how their financial aid may be affected.

## Taking courses during an internship

Students on internships are permitted to take additional coursework, as long as it does not conflict with their internship and seminar. It is generally considered inadvisable for students to take more than 6 credits of additional coursework while taking a full-time internship.

## Foreign students with temporary non-immigrant status

All day students, as well as extended day students in certain specialized curricular areas (see specific major requirements), attending LaGuardia Community College with temporary non-immigrant status are required to complete the Cooperative Education course requirements in order to graduate. They must inform their Co-op Faculty Advisor of their status and meet with one of the College's International Student Advisors (M-166), 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.

## Withdrawal from Cooperative Education

Termination or withdrawal from a Cooperative Education internship is subject to the approval of the student's Co-op 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 by the Co-op Faculty Advisor, subject to normal grading procedures of review and appeal of Cooperative Education grades.

For additional information about the Cooperative Education program and its policies, please contact the Central Office of the Cooperative Education Department, M-204, at (718) 482-5204.



# Student Programs and Services

## Academic Advising and Counseling

All students at LaGuardia Community College benefit from a comprehensive college-wide system of developmental academic advising and counseling. Through academic advisement, students connect their educational and career goals. Students work with academic advisors to discuss their current academic progress, review their degree requirements, and plan for their academic and career goals. While the ultimate responsibility for decision-making rests with the student, academic advisors are a valuable part of the College's support network dedicated to helping students to achieve their educational and career goals.

Students with fewer than 30 earned credits are required to meet with an advisor prior to registration and obtain approval for courses selected (via a signed advisement form). Students who have completed 30 credits or more also may receive advisement, and are encouraged to meet with a faculty member in their chosen major. Students in special programs and selected majors must always obtain advisement within their program, regardless of the number of credits earned.

These special programs include ASAP, College Discovery, and COPE, as well as the Office for Students with Disabilities. Students majoring in the following select majors—Dietetic Technician, International Studies, Nursing, Occupational Therapy Assistant, Physical Therapist Assistant, Practical Nursing, School Foodservice Management, and Veterinary Technology – should be advised each semester by program staff, after admission to the clinical phase of the program. Students are encouraged to meet with an advisor prior to the beginning of the registration period. Students should check their DegreeWorks audit to find their assigned advisors.

### LAGUARDIA'S ADVISEMENT PHASES

Developmental advisement is provided at LaGuardia in three broad phases. Phase I: Getting Ready for College (Pre-enrollment Advisement) occurs from students' first contact with the College through their initial orientation and registration as incoming students. Phase II: Becoming a Student (First Year Academy Advisement) is defined as the first two semesters at the College, when students are enrolled in the First Year Academies. Phase III: Staying the Course (Second Year Advisement) begins in the third

semester, when students are engaged in their majors and developmental advisement is offered by faculty members in the academic departments.

### Getting ready for college – Pre-enrollment advisement

All entering students are advised at New Student Advisement and Registration events by Educational Planners, who provide students with pre-enrollment programs and services designed to assist in the transition into the College, as well as Academy Coordinators. As part of the orientation process, incoming students receive an overview of the College and the advisement and registration process, and information describing the enhanced semester, choice of major and career, developmental skills, tuition, full-time status, documents needed for registration, financial aid, and technology resources and tools. Students have private meetings with advisors at the event and receive hands-on assistance with registering for the first time.

Educational Planning Services focuses on increasing student success by helping students develop meaningful educational plans that are compatible with their educational, career, and life goals. Educational Planners serve as a major campus resource for students, offering informed advice about a student's program and the LaGuardia community and referring students to appropriate campus support services and programs. Educational Planners also help students develop decision-making skills by encouraging them to formulate academic plans consistent with their evolving career goals.

### Becoming a student – First Year Academy advisement

First semester students are advised into their next semester's courses as part of the curriculum of New Student Seminar. Students are encouraged to meet with counselors throughout the academic year regarding issues of academic advisement and educational planning. The Counseling Department also offers advisement for students on probation during designated periods throughout the academic year.

Every student is a member of a First Year Academy, based on her/his choice of major—Allied Health/Science; Liberal Arts; or Business/Technology. Each Academy has a Coordinator dedicated to that Academy who provides academic advising and facilitates co-curricular activities and events. The Coordinator also assists the student in her or his transition to advising by the faculty in the

major field. In addition, students have access to a series of developmental advising workshops and services offered by the Academy Coordinators.

### **Staying the course: Second Year advising in the major**

Developmental advisement in the second year is centered in the academic departments and builds upon and strengthens the students' experiences in the First Year Academy. Department-based faculty help students to clarify objectives and refine their career and educational decisions that lead to the realization of their life and career goals. The departments collaborate with College services areas, such as the Center for Counseling, Advising and Academic Support, Student Development, Transfer Services and the Career Placement Office to offer workshops, co-curricular activities, and developmental advising events. Students meet with academic advisors for a comprehensive academic progress review and assistance with course selection. Each academic department has an established mechanism to refer students requiring further assistance, such as personal counseling, to the relevant department or other college service area.

## **ADVISEMENT TOOLS**

Continuing students' advisement materials consist of the next semester's schedule of classes (on the LaGuardia website: [www.laguardia.edu](http://www.laguardia.edu)), an advisement schedule for their major (see department office), an advisement form, and their DegreeWorks degree audit, <https://degreeworks.laguardia.edu/prod/>. Students should also refer to this college catalog to understand their degree requirements. DegreeWorks is a web-based academic progress reporting system that displays, in checklist format, the student's graduation requirements based on the College Catalog of the year the student entered LaGuardia. The academic history of the student, including coursework, placement tests and activities (e.g., co-operative education internships), is listed next to the requirement it satisfies. For each student this mapping of fulfilled and remaining requirements along with other key information such as grades, GPA, and credits is called a "degree audit." This online degree audit provides an easy-to-read, comprehensive snapshot for students to review throughout their academic career at LaGuardia. With DegreeWorks, students and their advisors can assure that courses being taken satisfy degree requirements and that students meet their goals without any unnecessary delay. The Office of Educational Planning (C-740) offers workshops on using DegreeWorks.

## **COUNSELING DEPARTMENT**

The Counseling Department, in B-100, offers an array of services designed to enhance students' personal, academic and career development. Among the services offered are academic advisement (please see above), career counseling, and personal counseling.

### **Career counseling**

When working with a counselor, students explore their career

interests, choose a major, and learn about the major and its relationship to their career goals. Counselors administer career assessment inventories and work with students to utilize the results as a tool in decision making. Additionally, counselors work with students in preparing for the transfer process to a four-year college.

### **Personal counseling**

The counseling relationship is completely confidential and private. Students who are experiencing personal problems which are affecting their academic success can meet with a counselor to assist them in developing the skills needed to meet the challenges they are facing. Some of the personal issues for which students seek counseling are family issues/conflicts, drug- and alcohol-related problems, sexual concerns, self-confidence, anxiety, depression, interpersonal difficulties, developing a sense of identity, and loss and bereavement. Individual personal counseling is offered on a short-term basis, and students requiring more extensive counseling services are provided with referrals to outside agencies.

### **Student outreach and advocacy**

Counselors provide outreach services through the offering of theme-based workshops such as Transfer Workshops, Time Management Workshops, Coping Skills Workshops (e.g., Parent Support Group), Probation Workshops, Alcohol Awareness, Depression Screenings, Anxiety Screenings, and various types of support groups. Counselors are also available to work with students on issues such as study skills, managing test anxiety and test taking.

## **Student Services**

### **Diversity Program: M-166**

The Diversity Program is housed within the Office of International Student Services. The Program engages students, staff, faculty, the College and broader communities in cultural exploration with the aim of enhanced recognition, awareness and appreciation of the strengths that diversity brings. The Program offers workshops that help to improve communication, expand and gain insight into self, others and the world. Students who successfully complete the program receive a certificate of completion.

### **Early Alert Program: M-149G, Shenker Hall**

The Early Alert Program, part of the Office for Student Services, is designed to identify and help 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 for 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: MB-09**

The Early Childhood Learning Center Programs Inc., part of Student Development in the Division of Student Affairs, is located

in room MB 09. The Early Childhood Learning Center programs provide child care for children ages 12 months to 12 years. The ECLC is located on campus and is a licensed child care facility, which provides a variety of quality educational programs to meet the needs of both the child and student parent. We offer infant, toddler, early childhood, universal pre-K, extended day, weekend programs and summer camp for the children of LaGuardia students. Our team of professional educators provides a warm and nurturing environment to help parents and children feel that they are part of the ECLC family.

For more specific information, contact the Early Childhood Learning Center Programs, located in Room MB-09, or call (718) 482-5295.

### **Educational Planning: C740**

Educational Planning provides students with pre-enrollment advisement and programs to make for a smooth transition into the College and to ensure that the first semester is a successful one for new students. Educational Planning recognizes the individualized needs of LaGuardia students and empowers them with the tools and resources required to create a meaningful academic plan of action in order to achieve success in college and accomplish their educational, personal, and professional goals. Through the planning and implementation of New Student Advisement and Registration, Educational Planning is able to engage students during their first academic experience at the college and advise students regarding their first semester of classes, financial planning, career goals, and support services available to them. This holistic approach to advisement focuses on increasing student success by giving students the guidance and tools they need to achieve their educational, career and life goals.

In addition to facilitating NSAR, Educational Planning provides continuous academic advisement to students through the Early Alert program, EP student advisement, the College Access and Success Program and other ongoing college-wide advisement initiatives. Although students are ultimately responsible for making decisions about their educational goals and for ensuring that all degree requirements are met, an Educational Planner plays a significant role by offering informed advice about students' classes, by serving as a major campus resource for students, and by referring students to appropriate campus support services and programs. The integration of these resources fosters student engagement and gives students a sense of purpose, independence, integrity and community. The staff is committed to teaching students to forge their own academic and professional paths from their entry into the College through their completion of a college degree.

### **ENROLLMENT SERVICES CENTER: C-107**

The Enrollment Services Center (ESC) allows LaGuardia students to manage their college responsibilities without having to visit several offices. The dedicated, skilled staff of the ESC 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 the ESC,

students will find Student Financial Services, the Office of the Registrar, and Educational Planning Services. 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.

**Educational Planning** Students are provided with pre-enrollment programs and services, which are designed to give them a smooth transition into the College. Students are assisted in developing meaningful educational plans that are compatible with their educational, career, and life goals. Students also receive information about college and program requirements as well as those requirements needed for transfer to four-year colleges. Services offered in this area include informational workshops, academic advisement & registration for new students, Early Alert advisement, and advisement for students with EP stops.

**The Office of the Registrar** Support is given to students as they navigate through the following processes: class registration and change of program, pre-requisite 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.

Staff at the ESC's 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

### **Enrollment Services Resource Center: C-109**

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 FAFSA online is immediate and prevents careless errors. Students may walk in and log on at [www.fafsa.ed.gov](http://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](http://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: MB-40, (718) 482-5280**

**Hours: Monday - Friday 8:00 am - 9:00 pm**

The Health Services Center, part of the Office for Student Services in the Division of Student Affairs, exists for the purpose of assisting students in matters pertaining to health prevention and the early recognition of illnesses and diseases. The Center also able to provides emergency care for accidents and makes appropriate referrals, when necessary, for follow-up care.

The Health Services Center is staffed by a Registered Nurse, one Family Nurse Practitioner (FNP), an Administrative Coordinator, two Emergency Medical Technicians, a Health Care Assistant and a part time College Assistant. In addition, college 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 Family Nurse Practitioner can diagnose and treat acute and/or chronic health care problems, order and interpret diagnostic lab tests as well as 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, as well as provides 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 vaccination free of charge at Department of Health Clinics around the five boroughs. 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 a Wellness Festival annually, along with commemorating World Aids Day and providing continuous health education outreach for the College community. Currently, we are collaborating 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.

**International Student Services: M-166**

International Student Services, part of Student Development in the Division of Student Affairs, is located in room M-166. The office provides cross-cultural and immigration counseling to more than

1000 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, foreign exchange clearance, foreign military draft deferments, full-time student status verifications, and housing and health insurance information. Please call (718) 482-5145 or visit room M-166.

**Laboratory facilities**

**The Accounting and Managerial Studies 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: E-101, (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](http://www.lagcc.cuny.edu/library).

**The Office for Disabled Students Programs: M-102, Shenker Hall**

The Office For Disabled Student Programs 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. Students can be assessed for learning disabilities without charge. 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. All information is treated confidentially.

*Evening Services*

The Office for Disabled Student Programs (*see above*) and The Office for Student Services (*see below*) are open Mondays-Thursdays until 8:00 pm, and Fridays until 5:00 pm. Both Offices are integral parts of the students' college experience. The offices want to ensure that evening students receive the highest level of service. These services include personal counseling, mentoring, advising and tutoring.

**Office for Student Services: M-102 & M-103D, Shenker Hall**

Student Services offers an array of services that help students balance the demands of their academic and personal lives. The

services for this office include peer mentoring, peer leader study groups, guided conversations, personal counseling, mental health assessments and screenings, time management, coping skills, learning styles workshops as well as internal and community-based referral services for students College-wide. Support for special populations may include advisement and registration, tutoring and counseling.

*Personal Guidance and Counseling Services* provide avenues of support that are central to the overall mission: to help students achieve educational and career goals, learn the process of complex problem solving, and enhance their capacity to develop satisfying interpersonal relationships. The personal wellness virtual model seeks to create balance in a student's emotional, physical, social, academic, environmental and spiritual life. Wellness is about how all these areas work together. Because it is virtual, it allows students to receive services throughout the college in a timely and efficient manner. The aim of the Personal Wellness Virtual Model is to integrate all of these areas of guidance for students from the point of entry to the point of graduation. This model also effectively connects students to available campus and community resources.

*Peer Mentoring* is critical to the students' total wellness and in-college experience. The Peer Mentor Initiative's mission is to help students create and attain academic, career, personal, and psychosocial goals related to a "Culture of Caring." Peer Mentors act as ambassadors of the College by collaborating with college staff, faculty and each other. The Peer Mentors' goals are to help students adjust to college life, teach students about college opportunities and motivate them to use conventional and creative methods towards student success.

*The Peer-Leaders Initiative* matches faculty with high performing students to provide academic review sessions to support students in high risk courses.

*The Black Male Empowerment Cooperative* (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.

### **The Office for Student Guidance: M-102, Shenker Hall**

The Office for Student Guidance provides assessments, referrals or consultations to the college when concerns arise about students' well-being or when there is behavior that seems potentially harmful to self and/or others or may require mental health intervention. Students may be referred to OSG through the Student Behavioral Intervention Team (SBIT), Office of Student Rights and Responsibilities, or by faculty and staff. Our team will assess the student to determine if they would benefit from short term counseling, referral to a community based program, or interventions to help them manage their behavior. Staff is available to assist faculty and staff who may have concerns about their students. Workshops on strategies for classroom management and consul-

tations about approaching students about your concerns are also available. The Office for Student Guidance is open Mondays-Thursdays until 8:00 pm and Fridays until 5:00 pm. Please call (718) 482-5279 for further information.

### **Office for Transfer Services: C-261**

The Office for Transfer Services is a one-stop career center designed to offer assessment services, guide students through the career planning process, and provide students with the resources on occupational information, transfer opportunities and scholarship information. Counselors from the clusters that provide career counseling use the resources of the center, which houses computerized career guidance programs, transfer resources, including four-year college catalogs and guide books, videos, and transfer applications for CUNY and SUNY institutions. Computerized scholarship databases are available to students interested in financing their education at LaGuardia and upon transfer to senior colleges. Occupational information is available through printed and computerized software.

All students are welcome to use the office's resources by appointment or on a walk-in basis. For additional information, call (718) 482-5185.

### **Office of Veterans Affairs: C-107**

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): C-203**

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 notetaking. Please contact the Program for Deaf Adults, C-203, or call (718) 482-5325 (TTY) or (718) 482-5324 (voice).

### **Student Email, LIVE@LaGuardia**

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.

### **Student Government Study Hall: M-159**

The Student Government Study Hall is located in Shenker Hall (M-159) and is operated and supervised by the Office for Student Services and Disabled Students' staff. Students have the opportunity to receive tutoring services from tutors during day and evening hours. Please stop by to receive a schedule of tutor hours. Students can receive tutoring in selected subject areas via an appointment or walk-in requests.

### **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, Plasma TV, Student News and personally at our Welcome Center in the M-Building Lobby. We offer critical information 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; Friday, 9:00 am - 4:00 pm. Email: [callcenter@lagcc.cuny.edu](mailto:callcenter@lagcc.cuny.edu).

### **Student Ombuds Office: C-317, (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](mailto:MARIARIG@lagcc.cuny.edu).

## **Office of Student Life**

### **M-115, (718) 482-5190**

The Office of Student 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 Student Life Office. From Orientation to LaGuardia, to Honors Night and the Commencement ceremony, Student Life is your partner throughout your college experience. From entertaining social activities to engaging intellectual, social, and emotional development, Student 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 Student Life Office, Monday-Friday in M-115. Here are a just a few of the programs and services offered:

### **Programs in Leadership**

The Programs in Leadership is a Student Development initiative. The programs offer interactive skill-based co-curricular sessions for students and sponsors an annual on-campus student leadership conference. The programs also engage students through academic coursework and co-curricular learning sessions. Students have the opportunity to acquire skills to help them succeed in life, determine their professional strengths, meet and work with faculty and professional staff and to become part of a new community. Students who successfully complete the programs receive a certificate of completion.

### **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. Student 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 27 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, 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, Web Radio.

For more information on how to become involved in any of the organizations, contact the Office of Student Life at (718) 482-5190.

### **The LaGuardia DVD Yearbook**

The Yearbook, published annually by the Office of Student Life, contains pictures and chronicles services, achievements and events involving the entire college community.

### **Student Government Association: M-160 (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 Student 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.

### **Phi Theta Kappa International Honor Society Honors House: MB-46, (718) 482-5225**

**E-103V (718) 482-5658; [www.ptk.org](http://www.ptk.org);  
[www.laguardia.edu/honors](http://www.laguardia.edu/honors)  
email: [ptk@lagcc.cuny.edu](mailto:ptk@lagcc.cuny.edu); [kkoh@lagcc.cuny.edu](mailto:kkoh@lagcc.cuny.edu)**

Phi Theta Kappa is the international honor society for community colleges. Founded in 1918 to recognize academically high-achiev-

ing 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. There is a one-time membership fee of \$55.

**The Student Center for Women: MB-10A,  
(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.

Email: [womencenter@lagcc.cuny.edu](mailto:womencenter@lagcc.cuny.edu)

## Department of Recreation

**MB-31, (718) 482-5044**

The Department provides a wide variety of leisure-time experiences for the entire college population. The programs are designed to include many kinds of activities throughout the day, evening, and on weekends. A validated, degree-student ID card or a Recreation Pass is the "membership" card to the facility. Recreation Passes are available to LaGuardia faculty and staff, Continuing Education students, alumni, and community guests. Passes may be obtained at the Bursar's Office or gym control desk when the Bursar's Office is closed.

The facility, located in the basement level of the Main Building, includes a multi-purpose sports gymnasium that is equipped to accommodate at different times: two regulation basketball courts, an indoor soccer field, two volleyball courts, and three handball courts. A six-lane, NCAA regulation size swimming pool and adjacent movement studio are located in the E Building.

The sports gymnasium is complemented by a game area for backgammon, chess, checkers and table tennis, located in the lobby outside the main gym entrance. Equipment for these games may be obtained at the gym control desk. The locker complex consists of large daily lockers and separate men's and women's showers and bathrooms. The equipment check-out is located immediately inside the entrance to the sports gymnasium facility.

The Recreation Department is divided into multiple categories:

**The Fitness Center** The Fitness Center is equipped with Cybex and Universal machines, free weights, treadmills, elliptical cross trainers, stair climbers and stationary bikes. The Fitness Center is accessible to people in wheelchairs, and is also open to busi-

ness and community members. Our trained staff will help you to set and achieve your goals.

**Group Fitness Classes** The Movement Studio, located next to the pool, offers a variety of cardiovascular conditioning, strength/toning, flexibility, and mind/body classes. Group fitness classes are offered five days a week and they include Middle Eastern Dance, Salsa Dance, Step Aerobics, Cardio Kickboxing, Pilates, Express Fitness, Body Sculpt, Tai Chi Ch'uan and Hatha Yoga. For a complete schedule or to register, see the gym control desk or pool.

**Sport and Fitness Workshops** The workshop series provides professional instruction in such activities as basketball for kids, in-line skating, tennis instruction and soccer for kids, as well as Personal Fitness Strategy.

Instruction provides a range of skill levels from beginner to advanced. Registration for all workshops takes place at the gym control desk, pool or Fitness Center.

**Intramural Sports Activities and Special Events** The Intramural Program provides competitive recreational experiences in a variety of individual and team sports. Tournaments and special events include handball, table tennis, basketball and indoor soccer. Students may compete in these activities or participate as coaches, officials, statisticians or timekeepers. Awards are presented to intramural champions at the conclusion of the event. Check the intramural display case near the gym control desk for game schedules.

**Open Recreation** A portion of the Sports Gymnasium and Fitness Center is regularly scheduled for walk-in recreation for students and members. Some of the activities available are basketball, volleyball, soccer, handball, weight training and table tennis. A validated student ID card or Recreation Pass allows the equipment to be checked out for use in the Sports Gymnasium or Fitness Center.

**Swimming Pool** Our indoor, 25-yard, six-lane swimming pool is available seven days per week year round, staffed by certified aquatic specialists. Qualified instructors teach all levels of ability, ranging from beginner to advanced certification courses.

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 us relaxed and refreshed.

**Announcement and Publicity** Information governing hours of operation, scheduling, programs and activities is available at the gym/pool control desk, and the Recreation Office, room MB-31, and on various bulletin boards posted throughout the College. Recreation Office (718) 482-5044; Sports Gymnasium (718) 482-5043; Fitness Center (718) 482-5963; Pool (718) 482-5038.



## LaGuardia Performing Arts Center

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### Room E-241 (718) 482-5151

The LaGuardia Performing Arts Center (LPAC), located on the main campus of LaGuardia Community College, presents vital high-quality programming intended to give a booming voice to the most diverse community in the world.

Already a destination for internationally acclaimed music, dance, and theater acts; LPAC is quickly developing into a scene for hot area talent. The innovative *LPAC Lab Program* supports artists and companies from all five boroughs of NYC by providing them with space, technical assistance and administrative support. With multiple performance spaces and technical features that rival those of many theaters in Manhattan, The LaGuardia Performing Arts Center in Long Island City has found its niche within the city's rich array of cultural resources.

Blocks from the 7 train, LPAC contains one 740-seat state-of-the-art proscenium theatre (Main Stage) and one 220-seat multipurpose theatre (Little Theatre).

### Each season LPAC presents a wide array of event series:

**Performance Planet Series:** Recent International performers include: Cuban songstress Albita Rodriquez, Argentinian dance troupe Salman Ahmad, sitar virtuoso Anoushka Shankar and Italian rock goddess Carmen Consoli.

**Jazz Jam Series:** Part open-mic, part speak-easy, "Jazz Jam" is the unique event where up-and-coming local musicians are invited to share the stage with professional musicians.

**Dans, Danza, Dance:** Featuring top choreographers from Latin America, Asia, Europe, and the United States, the "Dans, Danza, Dance" series reflects the glory and challenges of living in a multi-ethnic city.

**Teen Pointe Series:** Youth oriented events, supported by high school and college teachers in the LaGuardia Community College family. Classical Theatre of Harlem's "Romeo and Juliet" is a recent guest of the Teen Pointe Series.

**Schoolltime Series:** Designed to provide the community with access to high quality, value-priced programming, the School Time Series invites children to participate in interactive workshops that stimulate creativity and encourage continued learning.

**Our Town Series:** This series is a showcase for the talented faculty, staff, and students of LAGCC. The Open-Mic Poetry Slam is an annual event in the Our Town Series.

**Family Series:** National and local companies present theatre, dance, and music in one-hour matinees for audiences of all ages and affordable prices.

For more information about programs, performances, and rentals and to be included on LPAC's mailing list, please call (718) 482-5151. Be sure to ask about our discounts.

## Public Safety

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### 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 E-100.

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](http://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 offers a wide variety of non-credit educational, business and professional programs for adults, families and the community in New York City. Individuals can choose from literacy and GED services; academic courses; English as a Second Language classes; college preparation; programs for deaf adults and more. Our programs are free or reasonably priced, providing educational and professional opportunities for everyone.

In addition, the Division's comprehensive business and financial services are boosting the local economy by strengthening existing businesses and helping new entrepreneurs to successfully launch their companies.

The Division also fosters career and workforce development in the area by providing extensive employment services, vocational training and career and professional programs to all residents.

Visit us at <http://ace.laguardia.edu>.

### **Adult Learning Center (ALC)**

The Adult Learning Center offers classes for adults that range from beginning reading and basic education through High School Equivalency (GED) preparation. In addition, beginning to advanced levels of ESL and one low level Spanish Literacy class are available. Most classes are free. All classes require placement testing before candidates are accepted into the program. For more information visit <http://ace.laguardia.edu/alc> or call (718) 482-5380.

### **Career and Professional Programs (CAPP)**

Career and Professional Programs offer practical and technical training as well as preparation for licenses and certificates in a wide range of courses and programs, including computer networking and repair, software applications, import/export, construction management and much more. Online courses are also available. Instructors are experienced professionals working in their fields. For more information call (718) 482-5125, or visit <http://www.laguardia.edu/capp/>.

### **Career Development Center (CDC)**

The Career Development Center (CDC) 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. For more information visit <http://ace.laguardia.edu/cdcweb> or call (718) 482-5355.

### **Career Ladders in Allied Health (CLAH)**

Career Ladders in Allied Health creates and strengthens opportunities and systems through which community members and incumbent workers can enter or advance in the allied health professions. Career Ladders in Allied Health currently houses the following programs: Bridge to Allied Health Careers, a pre-college training program; Bridge to Patient Care Technician (BPCT), which furthers training and responsibility for Certified Nurse Aides, and helps prepare them for the national certification exam; Disability Studies Certificate, which provides direct care workers serving developmentally and physically disabled adults and children with a deeper understanding of the challenges and issues affecting the clients with whom they work, and a set of skills for responding effectively to improve the quality of their care; New York State LPN to RN Articulation Model/Transition Course, which facilitates the transition from the role of Practical Nurse to that of a student preparing for the role of Registered Nurse; and CNA to LPN Programs, for eligible, working Certified Nurse Aides or Nurse Technician to enter and successfully complete LaGuardia's Practical Nursing certificate program and become a Licensed Practical Nurse in their respective hospital. Other healthcare-related courses are also offered through CLAH. For more information visit <http://www.lagcc.cuny.edu/ace/clah.aspx> or call (718) 482-5097.

### **Center for Community Education/CUNY Catch**

CUNY Catch is a transitional program, serving adolescents who are incarcerated and preparing for release to their home communities, as well as those who have already been released. This program, which is an alliance between LaGuardia Community College, Bronx Community College and Medgar Evers College, provides outreach and career counseling at Rikers Island, and post-release aftercare at three CUNY campuses. Along with the integration of learning and work, family participation, and general health issues and referrals, the program's emphasis is on academic and vocational training, career development, and preparation for entry into the labor market. For more information visit <http://ace.laguardia.edu/catch> or call (718) 482-5128.

### **Center for Corporate Education (CCE)**

The Center for Corporate Education develops customized educational programs and delivers training and consultative services to corporations, government agencies and not-for-profit organizations. Programs are designed to increase staff productivity and improve communication and management skills among executives, entry-level employees and entrepreneurs alike. For more information visit <http://ace.laguardia.edu/cce> or call (718) 482-5330.

### **Center for Immigrant Education and Training (CIET)**

The Center for Immigrant Education and Training offers free and low-cost English classes in the context of specific careers 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. For more information visit <http://ace.laguardia.edu/ciet> or call (718) 482-5460.

### **College for Children**

College for Children offers academic, cultural and creative expression classes for children in kindergarten through elementary school grades. Courses focus on early literacy and math development, as well as phonics, reading, writing, English as a Second Language (ESL), math, social studies and science classes, and help students prepare for the New York State tests in these areas. Children can also study art, martial arts, cooking, foreign languages, architecture, music or theater. For more information call (718) 482-5334 or visit <http://ace.laguardia.edu/c4c>.

### **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 <http://ace.laguardia.edu/collegeprep> or call (718) 482-5966.

### **CUNY English Language Immersion Program at LaGuardia (CLIP)**

The CUNY English 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 <http://ace.laguardia.edu/clip> or call (718) 482-5966.

### **CUNY On Wheels**

The City University of New York's "CUNY On Wheels" project is a state-of-the art mobile classroom and information center. It

brings college admissions and financial aid information as well as higher education and training services to the residents and community based organizations of the Rockaway Peninsula in Queens and other areas of New York City. It has also expanded its services to include the Rockaway Youth Legal Education Program (RYLEP), The CUNY Young Adult Program (CYAP), and outreach to workers in the Willets Point section of Queens. The 40-foot-long bus is equipped with high-tech telecommunications, high-speed Internet access, computer workstations, plasma screen monitors, and seating for up to 12 people for information sessions, workshops and seminars. For more information call (718) 482-5975.

### **CUNY Start**

CUNY Start is an intensive 18-week, daytime program that provides remedial instruction in academic reading, writing and math for college-bound GED and high school graduates. The program allows students to save financial aid for credit courses and offers advisement on college and career planning, including financial aid. For more information visit <http://www.lagcc.cuny.edu/ACE/CUNYSTART.aspx>, call (718) 482-5137 or email [cunystart@lagcc.cuny.edu](mailto:cunystart@lagcc.cuny.edu).

### **Emergency Medical Technician (EMT)/Paramedic Programs**

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. For the new Medical Office Clinical Technician (MOCT) program, students take Electrocardiogram (EKG), Phlebotomy and Medical Terminology courses and sit for the National Healthcareer Association's EKG and Phlebotomy certification exams. Upon successful completion of the program and passing of the national exams, students become certified Medical Office Clinical Technicians. For more information visit <http://ace.laguardia.edu/nas/NAS2f.htm> or call (718) 482-5327.

### **Employment Services Center (ESC)**

The Employment Services Center assists and prepares students and alumni of LaGuardia Community College in becoming competitive and successful job seekers and helps provide graduates with employment in the fields in which they have been trained. The Center offers a variety of career related services, such as assistance with resumes, employment readiness workshops, on-campus recruitment efforts and targeted job fairs. For more information visit <http://www.lagcc.cuny.edu/careerinfo> or call (718) 482-5235.

### **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 call (718) 482-5360 or visit <http://ace.laguardia.edu/esl>.

### **Interpreter Education Projects**

Interpreter Education Projects provide a rigorous academic program that will prepare students to become ASL-English interpreters (BA degree or Professional Certificate), with special preparation for interpreting in educational settings. For more information visit <http://ace.laguardia.edu/iep> or call (718) 482-5313.

### **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 career counseling; referrals to support services, such as healthcare-specific ESL classes and training programs in alternative healthcare careers; volunteer opportunities, and job readiness/search and placement services through the Workforce1 Healthcare Career Center. For more information visit [www.laguardia.edu/nycwbc](http://www.laguardia.edu/nycwbc) or email [nycwbc@lagcc.cuny.edu](mailto:nycwbc@lagcc.cuny.edu).

### **NYDesigns**

NYDesigns helps emerging and established designers grow their firms by offering vibrant studio space, business and sustainability training, business counseling, a green materials library and a cutting-edge prototype lab—all under one roof. For more information visit <http://ace.laguardia.edu/lgincubator> or call (718) 663-8403.

### **Pre-College Academic Programming**

The Pre-College Academic Programming department offers courses that prepare students to enter college, earn a GED or start a career. For more information call (718) 482-5385 or visit <http://www.laguardia.edu/pcap>.

### **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 call (718) 482-5315 or visit <http://www.laguardia-ptac.org>.

### **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's 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 ASL. Courses offered under Continuing Education include GED, Adult Basic Education, Driver's Education, Computer Skills, American Sign Language and more. For more information visit <http://ace.laguardia.edu/pda> or call (718) 482-5324 Voice, (718) 482-5325 TTY, or (718) 482-5353 TTY.

### **Small Business Development Center (SBDC)**

The LaGuardia Small Business Development Center provides entrepreneurs with 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 <http://laguardiasbdc.org> or call (718) 482-5303.

### **Small Business Transportation Resource Center (SBTRC)**

The Small Business Transportation Resource Center works with the Procurement Technical Assistance Center to help clients secure government contracts and expand their client base. For more information call (718) 482-5315.

### **Taxi and FHV Driver Institute**

The Taxi and FHV Driver Institute's mission is to increase the professionalism of drivers of Taxicabs and For Hire Vehicles licensed by the New York City Taxi and Limousine Commission (TLC). The Institute does this by offering programs that include driver-applicant initial training, continuing education, courses for those who violate Commission regulations, and Department of Motor Vehicle point reduction classes. It also provides information concerning all aspects of professional driving, from acquiring to maintaining a license. The Institute works closely with the TLC in the conception, design and implementation of these programs. For more information visit <http://ace.laguardia.edu/taxi> or call (718) 482-5335.

### **Teen Academy**

Teen Academy offers courses for middle, junior and high school students to help strengthen their reading, writing and math skills, and prepare them for the New York State area exams, Regents tests and SAT. It also offers career exploration and college prep workshops. Art, music and other creative expression classes are available as well. For more information call (718) 482-5334 or visit <http://ace.laguardia.edu/TNA>.

### **Veteran Services Office**

The Veteran Services Office offers veterans free evening GED and college prep courses; computer classes; tutoring; assistance in applying for the Post 9/11 GI Bill and with the financial aid application; and other support services. For more information visit <http://www.laguardia.edu/veterans> or call (718) 482-5386.

### **Willets Point Workforce Assistance Program**

The Willets Point Workforce Assistance Program offers free vocational training, job placement assistance, and education and immigration counseling services to workers in the Willets Point area of Queens. For more information call (718) 482-5337.

### **Workforce Education Center (WEC)**

The Workforce Education Center provides free or low cost, short and long-term occupational skills training; high school equivalency preparation for teens, and youth internships; and academic enhancement services to low-income youth and adults. Emphasis is placed on empowering clients to develop computer literacy and

transferable job skills in order to compete in an increasingly technological society. For more information visit <http://ace.laguardia.edu/wec> or call (718) 482-5340.

### **Workforce1 Healthcare Career Center**

The Workforce1 Healthcare Career Center provides a full range of career advisement, vocational training and job placement services for the healthcare industry to new jobseekers and incumbent workers. For more information call (718) 609-2144.

### **10,000 Small Businesses**

10,000 Small Businesses is a five-year initiative, developed by Goldman Sachs, to help 10,000 small businesses across the U.S. grow and create jobs through greater access to business education, business support services and financial capital. LaGuardia Community College is the initiative's first community college partner.

## **Division of Academic Affairs**

### **Accelerated Study in Associate Programs B-235**

The LaGuardia Community College Accelerated Study in Associate Programs (ASAP) began fall 2007 and is sponsored by the Mayor's Office of New York City.

All ASAP students enroll in a full-time (12 credits minimum) day or evening block learning community offered in the following majors: Business Administration, Business Management, EMT/Paramedic, Liberal Arts, and Paralegal Studies.

ASAP students meet in one-to-one appointments with their personal Academic Advisor to receive academic and programmatic advisement, as well as referrals to resources on campus. The ASAP Job Developer assists students by providing career counseling, job placement, career related field trips and workshops such as resume development and interview preparation. The ASAP Job Developer works in close collaboration with the LaGuardia Career Services Office.

ASAP sponsors co-curricular, social enrichment activities, tutoring and academic enrichment workshops, such as Biology/Math Prep, Time Management, and Reading/Writing Skills, throughout the year to promote the academic development and success of its students.

### **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, E-238**

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**

### **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 125 ninth and tenth graders from middle schools. The majority of students are from 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 hundreds of college courses that can be taken for both college and high school credit. All students graduating from Middle College High School are guaranteed admission to LaGuardia Community College.

All Middle College students are expected to graduate with a minimum of 24 college credits with some on the degree track. The degree track is a 5 year program which allows students to attend LaGuardia Community College another year in order to earn 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 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.

# 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 LaGuardia Community College to recruit, employ, train and promote employees on the basis of equal opportunity without regard to race, color, religion, sex, sexual orientation, age, national origin, disability, Acquired Immune Deficiency Syndrome, or status as a disabled or Vietnam Era veteran, marital status, gender identity, citizen status or as a victim of domestic violence.

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 the Federal Executive Order [Black, Hispanic (including Puerto-Rican), 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 University and the College have and will continue to exercise affirmative action for the “protected classes” including Italian-Americans.

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 April Tucker, Director, Affirmative Action, Compliance & Diversity Office, Room E-512, (718) 482-5057.

### Policy Against Sexual Harassment

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:

It is the policy of The City University of New York to promote a cooperative work and academic environment in which there exists mutual respect for all University students, faculty, and staff. Harassment of employees or students based upon sex is inconsistent with this objective and contrary to the University policy of equal employment and academic opportunity without regard to age, sex, sexual orientation, alienage or citizenship, religion, race, color, national or ethnic origin, disability, and veteran or marital status, gender identity, citizen status or victim of domestic violence. Sexual harassment is illegal under Federal, State, and City laws, and will not be tolerated within the University.

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 harassment 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 and employees should be directed to the Sexual Harassment Awareness & Intake Committee Coordinator, Deputy Coordinators, or to any member of the Sexual Harassment Awareness & Intake Committee available to students and employees. Additionally, the Sexual Harassment Awareness & Intake Committee holds the responsibility for educating the College community about sexual harassment through printed materials, workshops, training sessions, and the like. All inquiries, complaints and con-

cerns will be kept confidential.

The Affirmative Action Officer has overall responsibility for ensuring compliance with Sexual Harassment rules and regulations. Information, complaints, and concerns should be directed to the Coordinator of the Sexual Harassment Awareness & Intake Committee, April Tucker, Room E-512, (718) 482-5057, or to the Deputy Coordinators, Vanessa Bing, Room E-235Q, (718) 482-5787 and Jhony Nelson, Room M-102, (718) 482-5260 or to any other member of the Sexual Harassment Awareness & Intake Committee. The names of these members may be found on the departmental and general public bulletin boards.

### 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.

Ms. April Tucker is the College's Director of Affirmative Action, Compliance & Diversity, and the Coordinator for Title IX, which prohibits sex discrimination in federally assisted education programs, and the Coordinator for the Age Discrimination Act, which prohibits age discrimination in federally assisted education programs. Her office is located in E-512, Room C and her telephone number is (718) 482-5057.

Mr. Mathew S. Joffe 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 M-102, and his telephone number is (718) 482-5278.

### 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.

### **Nursing Program Proof of Residency Requirement**

Beginning the fall 2009 semester all students applying for candidacy in the LaGuardia Community College Nursing programs must provide documentation in one of the following categories, in addition to meeting the programs 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 Student Life, Division of Student Affairs, Room M-115, and on LaGuardia's website: ([www.laguardia.edu](http://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 col-

leges 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.

# 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 and/or Arrest

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. 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 is prohibited.
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 C-101. Visitors will be issued temporary IDs at the security desk at each entrance to the College.

## Hours of Operation

Except during holidays when the College's buildings are closed, the College's Hours of Operation are:

**Monday – Friday: 7 am to 11 pm**

**Saturday – Sunday: 7 am to 7 pm**

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, Education Associate: The Bilingual Child, Human Services: Child Development, 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: Accounting, Administrative Assistant, Business Management, Commercial Foodservice Management, Commercial Photography, Computer Operations, Computer Technology, Emergency Medical Technician/Paramedic, Microcomputer Systems and Applications, Mortuary Science, Music Recording Technology, New Media Technology, Nursing, Paralegal Studies, Physical Therapist Assistant, Programming and Systems, Travel and Tourism, 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.

**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: Business Administration, Computer Science, Dietetic Technician, Engineering Science, Fine Arts, Liberal Arts: Mathematics and Science, Occupational Therapy Assistant, and School Foodservice Management.

**Associate Degree:** See AA, AAS, AS.

**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.

### B

**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 refunds and financial aid checks are disbursed. The Bursar's Office accepts cash, checks, and money orders.

### C

**Career and Transfer Center:** Renamed Office for Transfer Services. See page 207.

**Career Preparation Elective Pattern:** A group of no more than five courses designed to give students a foundation for a career in areas such as art, journalism, or legal studies with related co-op experiences (AA degree in Liberal Arts only).

**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 word processing specialist programs.

**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.

**College Preparatory Initiative (CPI):** See page 198.

**Confirmation:** A student's official schedule of classes issued after tuition has been paid.

**Continuing Education:** Non-credit programs for adult students, offered at LaGuardia by the Division of Adult and Continuing Education (ACE).

**Co-op:** See Cooperative Education.

**Cooperative Education:** The academic department that offers courses relating to experiential education and work and supervises most student internships.

**Co-op 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.

**COPE:** College Opportunity to Prepare for Employment.

**Core:** In the Liberal Arts curriculum only, a 12-credit requirement of introductory-level courses taken in four out of six Liberal Arts departments.

**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).

**CPE:** CUNY Proficiency Exam. See page 10.

**CPI:** College Preparatory Initiative. See page 198.

**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.

**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 197.

**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 24-96.

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 171.

**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 191.

## 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 190.

**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 "F."

**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 main-

tain 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:** See Co-op Seminar.

**IOL (Internship Opportunities List):** A complete listing, by major, of internships available through the Department of Cooperative Education.

## F

**Job Placement Office:** 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.

## 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 164 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 honor-

ably discharged from the United States military and are enrolled in degree programs.

## N

**National PONSI:** National Program on Non-collegiate Sponsored Instruction. See page 11.

**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, Business Finance is an option within the Business Management curriculum, and Telecommunications is an option within the Computer Technology 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).

**PEP:** Personal Education Planner, a computer-generated advisement document based on a student's major, status, and placement test results which recommends courses for the first semester.

**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 on 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.

**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.

**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.

**WN:** A symbol on a student's transcript which indicates administrative withdrawal from a course prior to the official withdrawal date.

**WU:** A symbol on a student's transcript which indicates unofficial withdrawal from a course prior to 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 184  
Academic credits 174  
Academic dishonesty 173  
Academic policies 173  
Academic programs 23  
Academic requirements 169  
Academic review 173  
Accounting curriculum 24  
Accreditation, Middle States 4  
ACT test 9  
Actuary Science 67  
Admissions, How to apply for 8  
Adult and Continuing Education 193  
Adult Learning Center 193  
Advanced placement credit 10  
Affirmative action policy 198  
AMP (Alliance for Minority Participation) 12  
Appeals/change of grade 180  
Application for admission 7  
APTS 21  
Articulation agreements 90  
Articulation policies 90  
Associate in Applied Sciences 23  
Associate in Arts 23  
Associate in Science 23

## B

Barnard-LaGuardia Intercollegiate Partnership Program 13  
Basic Skills Program 169  
    Course descriptions 169  
    Evaluation and placement 169  
    Express courses 170  
    Pairs and clusters 170  
    Tutorial laboratories and services 170  
Bridges to the Future Program 11  
Business Administration curriculum 26  
Business and Technology Department Courses 91  
Business Management curriculum 27

## C

Calendar inside back cover  
Certificate programs 23,29, 30, 35, 76, 86  
Change of Major 176  
Child of Deceased Police Officer/Firefighter Award 21  
Child of Veteran Award 21  
CLEP examination 10  
Clubs and organizations 190  
College and University Policies 198  
College Discovery Program 11, 21, 203  
College for Children 194  
College Level Examination Program: see CLEP examination 10

College Prep 194  
College Preparatory Initiative (CPI) 181  
Commercial Foodservice Management curriculum 51  
Commercial Photography Certificate curriculum 29  
Commercial Photography curriculum 30  
Communication Skills Department Courses 100  
Computer Information Systems Department see Computer Programs 101  
Computer Operations curriculum 35  
Computer Programs 33  
Computer Science curriculum 34  
Computer Technology curriculum 36  
Cooperative Education Department 102  
    Courses 102-104  
    Financial aid 183  
    Foreign students 183  
    Grading 183  
    Internship 182  
    Internship Seminar 183  
    Prerequisites to Internships 182  
    Taking courses during internship 182  
    Withdrawal from 180, 183

COPE Program 12  
Counseling Department 104  
Counseling Department Courses 104-105  
Course descriptions 91-168  
Course index 88-89  
CPI: see College Preparatory Initiative 181  
Credit load 174  
Credits, Academic 174  
Criminal background check 200  
CUNY/ACT test 9  
CUNY BA/BS Program 15  
CUNY Catch Transitional Services 194  
CUNY Transfer Policies 90

## D

D and C- grade policy 178-179  
Day and extended day status 173-174  
Deaf Adults Program 195  
Dean's List 180  
Declaration of Pluralism 199  
Dependent students 14  
Dietetic Technician curriculum 40  
Disabilities, Students with 188

## E

Early Alert Program 185  
Early Childhood Learning Center 185  
Education and Language Acquisition Department courses 105  
Education curriculum 41  
Emergency Medical Technician/Paramedic curriculum 45, 194  
Employment Career Services Center 195  
Engineering Science: Civil Engineering curriculum 46  
Engineering Science: Electrical Engineering curriculum 47

Engineering Science: Mechanical Engineering curriculum 47  
English Department Courses 114  
English Language Center 195  
Enhanced Semester Calendar Inside front cover  
Enrollment Services Resource Center 186  
ESL English as a Second Language 170  
Evening status: see Extended Day 173-174  
Exchange programs 13  
Exemption credits 11  
Exploring Transfer Program (Vassar College) 13  
Express courses 170  
Extended day 173-174

## F

F grade policy 178  
Family Educational Rights & Privacy Act 199  
FAFSA 17  
FDPLUS (Federal Direct Parent Loan Program for Undergraduate Students) 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  
    Change of program fee 16  
    Waiver of 16  
    Non-instructional fees 16  
    Student Activities fees 16  
    Technology fees 16  
Financial Aid 17  
Financial Services, Office of Student 17  
Fine Arts curriculum 49  
First Year Institute Courses 11, 170  
Foreign Student Services: see International Student Services

## G

Gerontology: see Human Services  
Glossary of terms 202  
Grade Appeals 180  
Grade Point Average (GPA) 179-180  
Grading system 178  
Graduation 181  
    Pursuit of additional study after 181  
Graduation rates 181

## H

Health Sciences Department courses 120  
Health Services 187  
HEGIS Codes 168  
Henderson Rules 200  
High schools 196-197  
    International High School 196  
    Middle College High School 197  
    Robert F. Wagner, Jr. Institute for the Arts and Technology 197

Honors Program 12  
Hours of operation 202  
How to get here 208  
Human Services: Gerontology curriculum 53  
Human Services: Mental Health curriculum 54  
Human Services curriculum 53  
Humanities Department courses 134

## I

Immunization 8  
Independent students 14  
Independent study 174  
Individualized courses 174-175  
International High School 196  
International Student Services (formerly Foreign Student Services) 187  
Internship 182  
Internship requirements 182  
Internship Seminar 183

## L

Laboratory facilities 187  
LaGuardia Admisitration 216  
LaGuardia and Wagner Archives 196  
LaGuardia Performing Arts Center 192  
Late registration 175  
Learning Communities 11  
Liberal Arts and Sciences Programs 56  
Liberal Arts elective requirements 171-173  
Liberal Arts: Social Sciences and Humanities curriculum 58  
Liberal Arts: Mathematics and Science curriculum 66  
Library Media Resources Center 188  
Courses 150  
Live@LaGuardia 189

## M

Map 208  
Mathematics, Engineering and Computer Science Department Courses 150  
Medical Leave of Absence 176  
Mental Health: see Human Services  
Middle College High School 197  
Middle States Accreditation 4  
Montgomery G.I. Bill 19  
Music Recording Technology curriculum 67

## N

National PONSI 11  
Natural and Applied Sciences Department Courses 175  
Natural Sciences Department Courses 157  
New Media Technology  
AAS degree curriculum 37  
Digital Arts certificate 35  
New Student Seminar 172  
New Students, Orientation/Opening Sessions for 11

New York City Taxi Driver Institute 195  
New York State Financial Aid programs 21  
Non-degree admission 7  
Nursing curriculum 68  
NYDesigns 195

## O

Occupational Therapy Assistant curriculum 70  
Opening Sessions for New Students 11, for dates, see Academic Calendar, inside back cover

## P

Paralegal Studies curriculum 71  
Paramedic Program 45  
Part-Time TAP Program 21  
Pell Grants 17  
Perkins Loan 17  
Persian Gulf Veterans Tuition Award 21  
Peter Vallone Scholarship 22  
Phi Theta Kappa 190  
Physical Therapist Assistant curriculum 75  
Placement tests 9  
PN to Nursing Pathway 77  
Practical Nursing Certificate curriculum 76  
Probation 180-181  
Programming and Systems curriculum 34

## R

R grade policy 178-179  
Readmission to the College 177  
Recreation 191  
Refunds 15  
Reinstatement 177  
Residency requirement 181,200  
Retention policy 180  
Robert F. Wagner, Jr. Institute for Arts and Technology 197

## S

School Foodservice Management curriculum 79  
Second degree students 181  
Semester structure Inside front cover  
Sexual Harassment Policy 198  
Social Science Department Courses 160  
Sports 191  
Student Activities fees 16  
Student Email (Live@LaGuardia) 189  
Student Financial Services, Office of 17  
Student Government 190  
Student Life, Office of 190  
Student Programs 184  
Student Services 184  
Study Abroad Program 13  
Supplemental Educational Opportunity Grants 17  
Supplemental Instruction 13  
Suspension 181

## T

TAP (Tuition Assistance Program) 20  
TAP refunds 15  
Technology fee 16  
Transfer credits 9-11  
Transfer Services, Office for (formerly Career and Transfer Center) 189  
Transcript fee 16  
Travel, Tourism & Hospitality curriculum 83  
Tuition 14  
Per semester 14  
Refunds 15  
Waivers 15

## U

Urban Study requirement 172  
University Summer and Winter Immersion Programs see First Year Institute 11  
University testing policies and procedures 9

## V

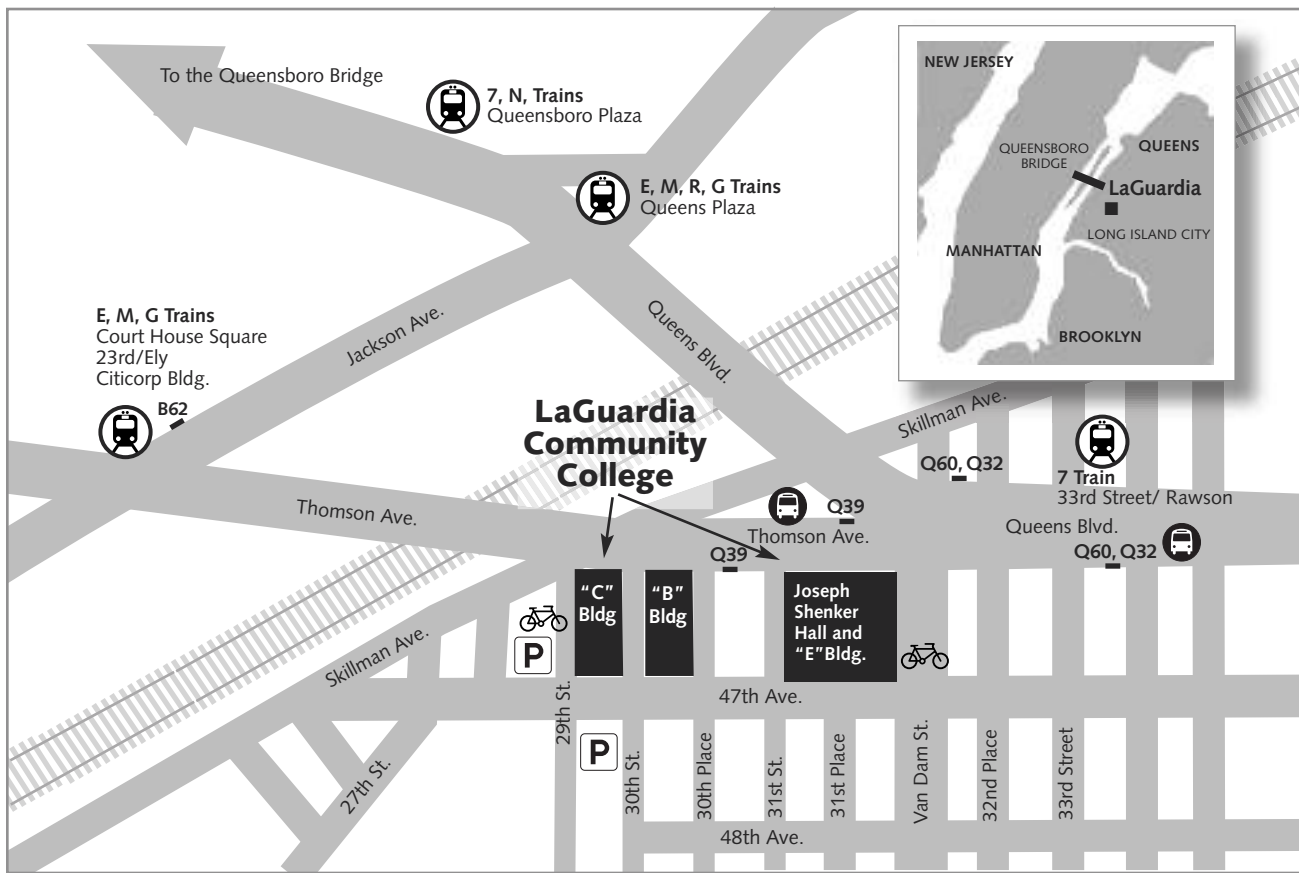
Vallone Scholarship: see Peter Vallone 23  
Vassar College Exploring Transfer Program 13  
Veterans Administration educational benefits 19  
Veteran Services Center 195-196  
Veterans Benefits 19  
Veteran's credit for military service 11  
Veterinary Technology curriculum 85  
Vietnam Veterans Tuition Award 21

## W

Withdrawal from cooperative education 176  
Withdrawal from courses 175, 178-179  
Word Processing Specialist Certificate curriculum 86  
World Trade Center Scholarship 21  
Writing Intensive Courses 174  
Writing and Literature curriculum 86

*Notes:*





## 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
- N train** At Queensboro Plaza station, transfer to #7
- E, G, M trains** Queens Plaza or Court Square station
- R train** Queens Plaza station



### By Bus:

- Q60, Q32** Queens Boulevard and Skillman Avenue
- Q39** Thomson and Van Dam Street
- B62** Thomson and Jackson Avenue



**Bike Parking:** Racks are available on Van Dam Street, in front of the E and L buildings, and near the parking lot on 29th Street by the C building.