LaGuardia Community College

QUEENS COLLEGE

ARTICULATION AGREEMENT FORM

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: Fiorello H. LaGuardia Community College
Department: Mathematics, Engineering and Computer Science
Program: Computer Science
Degree: AS

Receiving College: Queens College
Department: Department of Computer Science
Program: Computer Science
Degree: Bachelor of Science (B.S.) and Bachelor of Arts (B.A.)

B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

(e.g., minimum GPA, audition/portfolio)

- Junior Standing
- Overall GPA of at least 2.0 on a 4.0 scale
- Grade of C or better in any major course to be accepted for transfer.
- Any major course with a grade of C- or less must be repeated to earn a grade of C or better (limited to one opportunity to repeat a course).
- Grade of C or higher in a credit bearing mathematics course with three or more credits*
- Grade of C or better in freshman composition it's equivalent or a higher level English course*
- **Queens College** will accept transfer credit only, not course grades. At most 60 semester credits will be accepted towards the **BA/BS** degree in **Computer Science.**
- Students eligible for transfer to **Queens College** under this agreement must have met at least the minimum requirements for admission to **LAGCC**, including a US high school diploma or its equivalent.
- During the period of this agreement, both institutions agree:
  - A) To monitor the academic performance of LAGCC students who wish to matriculate at **Queens College** under this agreement, identify problems, and work cooperatively to ensure smooth transfer with minimal academic disruption.
  - B) To notify each other concerning any contemplated curricular changes, which would affect the future of this agreement.

Total transfer credits toward the baccalaureate degree: **62**

Total additional credits required at the senior college to complete baccalaureate degree: **60**

C. COURSE TO COURSE EQUIVALENCIES AND TRANSFER CREDIT AWARDED

Sending College		Receiving College Equivalent		Credit Granted
Course and Title	**Cr.**	**Course and Title**	**Cr.**	
General Education (Liberal Arts, Core Distribution) Courses				
ENG101 English Composition I (or ENA101 depending on placement scores)	3	ENGL110 College Writing I	3	3
ENG102 Writing through Literature	3	ENGL130 Writing about Literature In English	3	3
MAT115 College Algebra & Trigonometry (or MAT117 Algebra and Trigonometry depending on placement scores)	3	MATH115 College Algebra for Precalculus	3	3
Life and Physical Sciences: Select one of the following courses: SCB101 Topics in Biological Sciences SCB206 Introduction to Neuroscience SCC101 Topics in Chemistry SCC102 Chemistry of Photography SCP101 Topics in Physics SCP105 Life in the Universe SCP140 Topics in Astronomy	3		3	3
Flexible core				
MAT200 Precalculus (Scientific World: pre-requisite for MAT201)	4	MATH 122 Precalculus	4	4
MAT201 Calculus (additional Scientific World: pre-requisite for MAT202)	4	MATH 151 Calculus/Differentiation & Integration * MATH 151 will be counted towards the major requirement.	4	4
Creative Expression	3	Creative Expression	3	3
Individual and Society	3	Individual and Society	3	3
US Experience and Its Diversity	3	US Experience and Its Diversity	3	3
World Cultures and Global Issues	3	World Cultures and Global Issues	3	3
			SUBTOTAL	**32**
Specific Program Requirements (Including Prerequisites)				

CSF101 First Year Seminar for Computer Science	2	General Elective Credit	2	2
MAC101 Introduction to Computer Science	3	CSCI 111 Introduction to Computer Science	3	3
MAC125 Advanced C/C++ Programming	3	CSCI 211 Object-Oriented Programming in C++	3	3
MAC190 Object Oriented Programming	3	CSCI 212 Object-Oriented Programming in Java	3	3
MAC281 Discrete Structures	3	CSCI 220 Discrete Structures	3	3
MAC283 Computer Organization and Assembly Language	3	CSCI 240 Computer Organization and Assembly Language	3	3
MAT202 Calculus II	4	MATH 152 Calculus/Integration and Infinite Series	4	4
MAT210 Linear Algebra	3	MATH 231 Linear Algebra I	3	3
MAT231 Introduction to Discrete Math	3	MATH 120 Discrete Mathematics for Computer Science	3	3
MAC286 Data Structures	3	CSCI 499- General Elective Credit	3	3
				SUBTOTAL 30
				TOTAL = 62

D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE

Course and Title	**Credits**
College Option General Education (Liberal Arts, Core Distribution) and Other Required Courses	
One Literature Course (LIT)	3
One Language Course (LANG)	3
Prerequisite and Major Courses	
CS 313 Data Structures	3
CS 316 Principles of Programming Languages	3
CS 320 Theory of Computation	3
CS 323 Design and Analysis of Algorithms	3

CS 331 Database Systems	3
CS 340 Operating Systems Principles	3
CS 343 Computer Architecture	3
CS 370 Software Engineering	3
MATH 241 Probability and Statistics	3
Select 9 credits of major electives (BA) Select 21 credits of major electives (BS) (see College Bulletin for list of Major Electives)	9 - 21
SUBTOTAL	42 - 54
Additional Course Work to reach 120 credits (BA)	6 - 18
Total Required Credits (BA and BS)	120

E. ARTICULATION AGREEMENT FOLLOW-UP PROCEDURES

Procedures for reviewing, updating, modifying or terminating agreement:

- When any of the programs undergo any changes relevant to this agreement, this articulation agreement will be reviewed and revised as necessary by one or two faculty members of each institution's department, selected by their respective Chairpersons to represent them.

- At the end of academic year the various representatives of each institution as indicated above will review the performance of transfer students to determine if adjustment to, or termination of the articulation agreement, is needed.

This articulation agreement will be publicized on both the LaGuardia Community College and Queens College websites. Transfer advisers at LAGCC will promote this agreement with eligible students.

ADVISOR RECOMMENDATIONS:

LaGuardia Community College students who plan to transfer into the **BA/ BS** degree in **Computer Science** program at **Queens College** are advised to strictly follow the Program Requirements and Program Electives listed in the proposal to satisfy the requirements for the Associates degree in **Computer Science** at LAGCC and to ensure that the maximum number of credits and required coursework are transferred to satisfy the **BA / BS** program requirements at **Queens College**. Refer to both college websites for a list of pathways general education requirements for both the **AS** and **BA / BS** programs.

F. ADDITIONAL INFORMATION:

PURPOSE: Queens College and LaGuardia Community College hereby enter into this agreement is to facilitate the opportunity for students who wish to transfer from LaGuardia Community College's Associate's Degree in Computer Science to Queens College's Bachelor of Science and Bachelor of Arts Degree in Computer Science. The attached sections A, B, and C, of this agreement specify the conditions and requirements for admittance to **Queens College**.

CHANGES: Neither party may change this agreement unilaterally. Proposed changes in policies and curricula (i.e. admission, curriculum, and degree requirements, course numbers, course content, and/or catalog descriptions by either party), must be communicated in writing to the other party, and jointly agreed upon in consultation with the relevant officials of each institution. Any changes agreed upon must be signed, dated, and attached to this original agreement. ***It is highly recommended that the department chairs of the respective college programs jointly complete sections A, B, and C of this agreement at least every two years.***

NOTICE OF CANCELLATION: Either party may independently cancel this agreement by notifying the other party no less than one academic year before the intended date of cancellation.

Queens College agrees to accept into the **Bachelor of Arts and Bachelor of Science** degree programs in **Computer Science** students from **LaGuardia Community College** who successfully complete the **Computer Science** curriculum and degree requirements described in section A, B, and C of this agreement; thereby receiving an **Associates of Science** degree.

Effective Date: Spring 2023

Review Date: Spring 2025

Dr. Billie Gastic Rosado
Provost and Snr. Vice President for Academic Affairs
Fiorello H. LaGuardia Community College

Dr. Patricia Price
Provost and Snr. Vice President for Academic Affairs
Queens College, CUNY

8/22/2023

Dr. Abderrazak Belkharraz-Idrissi, Chair
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