



THE CITY UNIVERSITY OF NEW YORK
ARTICULATION AGREEMENT



LaGuardia Community College and New York City College of Technology
Transfer Articulation Agreement

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: LaGuardia Community College (LGCC)
Department: Math, Engineering and Computer Science (MEC)
Program: Computer Technology
Degree: A.A.S.

Receiving College: New York City College of Technology (City Tech)
Department: Computer Engineering Technology
Program: Computer Engineering Technology
Degree: BTech

B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

Upon acceptance into the BTech in Computer Engineering Technology (CET) Program at New York City College of Technology (City Tech), graduates with an A.A.S. in Computer Technology (CT) from LaGuardia Community College (LGCC) will be granted a total of 60 transfer credits. From course equivalence, 45 credits will count towards the BTech in CET. Transferring students will be required to complete an additional 77 credits in the CET Program to earn the BTech in CET degree at City Tech.

C. TRANSFER CREDITS AWARDED

CUNY Pathways Key:

RC = Required Core

CO = College Option

FC = Flexible Core

WI = Writing Intensive

LPS-Life/Phy Sci

E1; E2 –Eng Comp I, II

MQR-Math/Quan.Reasoning

IS-Ind/Society

SW-Scientific World

WC-World Cultures

US-US Exp/Diversity

CE-Creative Exp

LaGuardia CC (A.A.S.) Transfer Credits Awarded	Area	Credits
I. Required Core (4 courses, 12 credits)		
ENG 101 English Composition I	E1 RC	3
ENG 102 Writing through Literature	E2 RC	3
MAT115 College Algebra and Trigonometry	MQR RC	3
Life and Physical Sciences (6 options)	LPS RC	3
II. Flexible Core (3 courses, 9 credits) Note: To reduce the number of credits needed to graduate at City Tech, IS, WC, US and CE courses are recommended		
Flexible common core	FC	3
Flexible common core	FC	3
Flexible common core	FC	3
Total General Education Common Core Credits	Subtotal	21
III. Major Requirements (12 courses, 30 credits)		
CSF101 First Year Seminar for Computer Science		2
MAC241 Computer Electronics I		4
MAC242 Computer Electronics II		3
MAC265 Computer Hardware Interfacing and Programming		3
MAC289 Computer Technology Project Lab		2
MAC291 Computer Logic, Design and Implementation I		4
MAC292 Computer Logic, Design and Implementation II		4
MAC293 Computer Repair and Network Maintenance		4
MAC295 Computer Architecture		4
Elective (MAC108 Programming with Python)		2
MAT 200: Precalculus		4
BTM1101 Intro to Business		3
Total Major Requirements	Subtotal	39
Total A.S. Degree Requirements		60



D. COURSE EQUIVALENCIES

LaGuardia CC Course	Cr	City Tech Course	Cr
1. Engineering Related Courses (26 Credits)			
Elective (MAC108 Prog. with Python)	2	EMT1111 Logic and Problem-Solving	1
MAC289 Computer Technology Project Lab	2	EMT1120 Technical Graphics	1
MAC241 Computer Electronics I	4	EMT1130 Electromechanical Manufacturing Lab.	1
MAC242 Computer Electronics II	3	EMT1150 Electrical Circuits	5
MAC265 Computer Hardware Interfacing and Programming	3	EMT1220 Mechanism	4
MAC291 Computer Logic, Design and Implementation I	4	EMT1250 Fundamentals of Digital Systems	4
		EMT1255 Electronics	4
MAC293 Computer Repair and Network Maintenance	4	EMT2370 Computer Hardware Systems	2
MAC295 Computer Architecture	4	EMT2480L Electromechanical Systems Laboratory	1
		EMT 2410 C/C++ Programming for Embedded Systems	3
Subtotal	26		26
2. General Education (19 Credits)			
ENG 101 English Composition I	3	ENG 1101 English Composition I	3
ENG 102 Writing through Literature	3	ENG 1121 English Composition II	3
MAT 200: Precalculus	4	MAT 1375 Precalculus (MQR)	4
Flexible common core	3	Flexible common core	3
Flexible common core	3	Flexible common core	3
Flexible common core	3	Flexible common core	3
3. Other Major Requirements (0 Credits)			
Total	45		45

Note: Students will be required to take two GenEd Writing Intensive (WI) courses at City Tech.



E. SENIOR COLLEGE COURSES REMAINING FOR COMPLETING BACCALAUREATE DEGREE

	Area	Credits
I College Option (8 courses, 6 Credits)		
Interdisciplinary Course	CO	3
COM 1330 Public Speaking (or higher)	CO	3
PHYS 1433 General Physics I (or PHYS 1441) – satisfies SW flex core	RC LPS	4 (5)
PHYS 1434 General Physics II (or PHYS 1442) – satisfies SW flex core	FC SW	4 (5)
MAT 1475 Calculus I	FC SW	4
MAT 2580 Introduction to Linear Algebra	CO	3
	Subtotal	21 (23)
II Program Core Discipline Related Courses (23 courses, 67 credits)		
EMT 2320 Advanced Mechanisms		5
EMT 2390L Operating Systems Laboratory		1
EMT 2455 Data Communications		2
EMT 2461 Electromechanical Systems: Software Interface		2
CET 3510 Microcomputer Systems Technology		4
CET 3525 Electrical Networks		4
CET 3615 Instrumentation and Data Acquisition		4
CET 3625 Applied Analysis Laboratory		1
CET 3640 Software for Computer Control		3
CET 4711 Computer Controlled System Design		2
CET 4773 Inter-networking Technology		4
Tech Elective I		3
CET 4705 Component and Subsystem Design I		2
CET 4805 Component and Subsystem Design II		2
CET 4811 Capstone Design Project		2
CET 4864 Feedback Controlled Systems		4
Tech Elective II		4
MAT 1575 Calculus II	SW	4
MAT 2680 Differential Equations	SW	3
	Subtotal	56
Total Credits Taken at New York City College of Technology		77 (79)
Total Credits Transferred from LaGuardia Community College		60
Total Credits for the BTech		137 (139)

City Tech grants a BTech in CET upon satisfactory completion of the required 128 to 130 credits at City Tech. Students transferring from LaGuardia with an A.A.S. in CET (60 credits) and who complete the BTech in CET at City Tech (77 or 79 credits) will graduate with 137 (or 139) credits, this includes the 45 credits of course equivalencies accepted towards the CET program and listed in Section D.



F. ARTICULATION AGREEMENT FOLLOW-UP PROCEDURES

1. Procedures for reviewing, updating, modifying or terminating agreement:

LaGuardia and City Tech faculty will review and analyze the strength of the curriculum and the success of students on an annual basis as part of their annual assessment activities. Modifications will be made as required.

When either of the programs undergoes changes, this articulation agreement will be reviewed and revised as necessary by appropriate faculty from each institution.

2. Procedures for evaluating the agreement, i.e., tracking the number of students who transfer under the articulation agreement and their success:

The CUNY Institutional Research Database will be used to track performance (in terms of GPA) and persistence (in terms of retention) of all LaGuardia students who transfer to CUNY senior colleges.

3. Sending and receiving college procedures for publicizing the agreement, e.g., college catalogs, transfer adviser, websites, etc.:

LaGuardia and City Tech will collaborate in publicizing this agreement on their websites and in their catalogs. They will share brochures and other marketing materials including web-based promotions. Transfer advisors will be made aware of this agreement and will have available all necessary materials to publicize the agreement to the students with whom they work.

It is also understood that the Math, Engineering and Computer Science Dept. of LaGuardia will identify students who wish to participate in the articulation, and will recommend the BTech in CET program at City Tech to those who successfully complete the CT curriculum.

Effective date: Fall 2020