NEW YORK CITY COLLEGE OF TECHNOLOGY OF THE CITY UNIVERSITY OF NEW YORK

ARTICULATION AGREEMENT FORM

Effective Date: _Fall 2014___

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: Queensborough Community College (QCC)
Department: The Engineering Technology
Program: Electronic Engineering Technology
Degree: The Associate in Applied Science (A.A.S)

Receiving College: New York City College of Technology (NYCCT)
Department: Computer Engineering Technology
Program: Computer Engineering Technology
Degree: The Bachelor of Technology (B.Tech)

B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

- The A.A.S degree and a minimum GPA of 2.00
- GPA of 2.50 or better in major courses
- Grade of C or better in credit-bearing mathematics courses worth three or more credits

Students who wish to transfer but do not meet all of the above requirements or are unable to enroll within two years after graduation will receive admission consideration under our standard transfer credit policies.

In order to satisfy the B.Tech degree requirements, students must select the appropriate general education common core and flexible core courses to satisfy CUNY pathway requirements for the degree program.

Total transfer credits granted toward baccalaureate degree: 64

Total additional credits required at the senior college to complete baccalaureate degree: 64

Total credits required for the B.Tech degree in Computer Engineering Technology: 128

C. COURSE TO COURSE EQUIVALENCES AND/OR TRANSFER CREDIT AWARDED

ELECTRONIC ENGINEERING TECHNOLOGY A.A.S DEGREE AT QCC

Electronic Engineering Technology A.A.S. Degree Program (EET-AAS) at QCC			
Requirements for the Major			
Code	**Course Title**		**Credits**
ET-110	Electric Circuit Analysis I		4
ET-140	Sinusoidal and Transient Circuit Analysis		3
ET-210	Electronics I		4
ET-220	Electronics II		4
ET-230	Telecommunications I		4
ET-320	Electrical Controls Systems		3
ET-410 or ET-420	Electronic Project Laboratory or Computer Project Laboratory		1
ET-501	Computer Applications		1
ET-509	C++Programming for Embedded Systems		1
ET-510	Introduction to Digital Computers		4
ET-560	Microprocessors and Microcomputers		4
Electives	ET electives		3
		Subtotal Credits Required for the Major	*36*
General Education Core Requirements			
EN-101	English Composition I	Required Core English Composition	3
EN-102	English Composition II	Required Core English Composition	3
MA-114	College Algebra and Trigonometry for Technical Students	Required Core (QR)	4
MA-128	Calculus for Technical and Business Students	Additional Course (QR)	4
PH-201	General Physics I	Required Core Life & Physical Sciences	4
PH 202	General Physics II	Flexible Core Scientific World	4
Two approved courses in Social Science or History	World Cultures and Global Issues US Experience in its Diversity, Individual and Society or Scientific World	Flexible Core	6
		Subtotal Credits Required for General Education	28
		Total Credits	**64**

D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE

Courses students will be required to take at New York City College of Technology after completing the A.A.S. in Electronic Engineering Technology AT QCC:

Computer Engineering Technology Program – Specific Degree Requirements and Electives			
Associate Degree in Electronic Engineering Technology (AAS-EET) at QCC, 36 transfer credits awarded at AAS level			
Baccalaureate Level Degree Requirements for the Major (46 credits)			
Code	**Course Title**		**Credits**
CET 3510	Microcomputer Systems Technology		4
CET 3615	Instrumentation and Data Acquisition		4
CET 3625	Applied Analysis Laboratory		1
CET 3640	Software for Computer Control		3
CET 4705	Component and Subsystem Design I		2
CET 4711	Computer Controlled System Design I		2
CET 4952	*Robotics Technology (Required only for students with AAS in CET/EET/TCET)* *Note: The course code will be changed to CET 4752*		*4*
CET 4773	Inter-networking Technology		4
CET 4805	Component and Subsystem Design II		2
CET 4811	Computer Controlled System Design		2
CET 4864	Feedback Controlled Systems		4
Technical Elective	CET 4900 Series, CET 3910, CST 3500 Series or higher, or TCET 3100 series or higher		4
Technical Elective	Must take CST 2403 (or equivalent) if not taken at Associate Level, **or** CET 4900 Series, CET 3910, CST 3500 Series or higher, or TCET 3100 series or higher		3
MAT 1575	Calculus II	(Pathways: Flexible Core - Scientific World)	4
MAT 2680	Differential Equations	(Pathways: Flexible Core - Scientific World)	3
	Subtotal Credits Required for Baccalaureate Level Degree Requirements		46
General Education Core Requirements			
CUNY Pathway: Required Core (English Composition I and II, Mathematical and Quantitative Reasoning, Life/Physical Sciences) and Flexible Core (World Cultures and Global Issues, US Experience in its Diversity, Individual and Society, Creative Expression, Scientific World), and Additional Course, *28 transfer credits awarded at AAS level*			
Four approved courses in Behavioral Science/Social Science, Literature/Aesthetics/Philosophy	World Cultures and Global Issues US Experience in its Diversity Individual and Society Creative Expression	Flexible Core including interdisciplinary course - CityTech College Option	12
COM 1330	Public Speaking or other	Speech/Oral Communication - CityTech College Option	3
MAT 2580	Introduction to Linear Algebra	Pathways: Flexible Core - Scientific World	3
		Subtotal Credits Required for General Education	18
		Total Credits	**64**

Specialization: For students entering with an AAS in Electronic Engineering Technology, EMT 2455 Data Communications (2cr) and EMT 2390L Operating Systems Laboratory (1cr) will be required. Students may be able to meet these requirements by appropriate courses.

Total degree credits to be taken at New York City College of Technology: 64

Total Credits Required for the BTech Degree: 128

Total program-specific required and elective courses: 82 credits (46 credits to be taken at NYCCT, 36 transfer credits awarded).

Total General Education Core: 46 credits (18 credits to be taken at NYCCT, 28 transfer credits awarded).