Electronic Engineering Technology (A.A.S. Degree)
FALL 2022-SPRING 2023

REMEDIAL SEQUENCE (if required)

☐ ESL 1 (8) ▸▸	☐ ESL 2 (6) ▸▸	☐ ESL 3 (6) ▸▸	☐ ENG 9 (4)

☐ ENG 1¹ (4) ▸▸	☐ ENG 2¹ (4)

☐ RDL 1¹ (4) ▸▸	☐ RDL 2¹ (6)

☐ MTH 1² (4) ▸▸	☐ MTH 5² (6) ▸▸	☐ MTH 6² (6)

☐ CHM 2 (4)

GRADUATION REQUIREMENTS

☐ GPA ≥ 2.0	☐ Writing Intensive 1	☐ Writing Intensive 2

REQUIRED FRESHMAN SEMINAR

☐ FYS 11

¹ENG 1/ENG 2 & RDL 1/RDL 2 are no longer offered. Students with ENG/RDL developmental need will now enroll in corequisite course ENG 100 (if English Proficiency Index is 0-49), **OR** ENG 110 (if English Proficiency Index is 50-64).

²MTH 1/MTH 5/MTH 6 are no longer offered. They have been replaced by MTH 28/28.5. Students who have successfully completed an elementary algebra math intervention at a CUNY college (e.g., Math Proficiency Workshop, CUNY Start Math, Math Start, or MTH 5) are eligible for MTH 28.

For MTH 28 enrollment, a new student must be CUNY Math Proficient, and will also have to meet one of the following criteria:

Mathematics high school GPA of at least 70 and successful completion of a course beyond Algebra 1, **OR** New York State Regents Trigonometry Score of at least 65, **OR** New York State Regents Common Core Algebra 2 Score of at least 65

Students who place out of MTH 28 will apply MTH 30 to Required Core B and must take 3 elective credits.

³Student must enroll in ENG 110 in order to take HIS 11.

⁴See Degree map at: http://www.bcc.cuny.edu/academics/academic-advising/degree-maps/ for semester-by-semester sequence.

⁵Students must take FYS 11 prior to earning 24 equated or degree credits. Students who have earned 24 or more equated or degree credits are permitted to use the one credit as a free elective. It is highly recommended that students take FYS 11 in their first or second semester.

REQUIRED COMMON CORE

☐ A ☐ A	**English Composition¹ I & II** ENG 100 **OR** ENG 110 **OR** ENG 111; **AND** ENG 112	6
☐ B	**Mathematical and Quantitative Reasoning²** MTH 28² College Algebra and Elementary Trigonometry **OR** MTH 28.5² **(Corequisite)**	3
☐ C	**Life and Physical Sciences** PHY 11 College Physics I	4
	Subtotal:	13

FLEXIBLE COMMON CORE

☐ A	**World Cultures and Global Issues** HIS 10 History of the Modern World **OR** HIS 11³ Introduction to the Modern World	3
☐ D	**Individual and Society** COMM 11 Fundamentals of Interpersonal Communication	3
☐ E	**Scientific World** PHY 12 College Physics II	4
	Subtotal:	10

MAJOR REQUIREMENTS⁴

☐ ELC 11	DC Circuit Analysis	4
☐ ELC 15	Computer Applications in Technology	2
☐ ELC 18	Computer Programming for Engineering Technology	2
☐ ELC 21	AC Circuit Analysis	4
☐ ELC 25	Electronics I	4
☐ ELC 35	Electronics II	4
☐ ELC 51	Electronics Control	3
☐ ELC 81	Electronics Communications	3
☐ ELC 94	Laser and Fiber Optic Communications	4
☐ ELC 96	Digital System I	4
☐ FYS 11⁴	First Year Seminar⁴	1
☐ MTH 30²	Pre-Calculus Mathematics	4
☐ MTH 31	Calculus and Analytical Geometry I	4
☐ ELECTIVES²	Free Electives²	0-3
	Subtotal:	43
	TOTAL :	66