

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 available. STEM students who are CUNY Math Proficient, or have Math developmental need will now enroll in corequisite course MTH 28.5.

For MTH 28 enrollment, CUNY Math Proficient STEM students 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

<input type="checkbox"/> A	English Composition ¹ I & II	6
<input type="checkbox"/> A	ENG 100 OR ENG 110 OR ENG 111; AND ENG 112	
<input type="checkbox"/> B	Mathematical and Quantitative Reasoning² MTH 28 ² College Algebra and Elementary Trigonometry OR MTH 28.5 ² (Corequisite)	3
<input type="checkbox"/> C	Life and Physical Sciences PHY 11 College Physics I	4
Subtotal:		13

FLEXIBLE COMMON CORE

<input type="checkbox"/> A	World Cultures and Global Issues HIS 10 History of the Modern World OR HIS 11 ³ Introduction to the Modern World	3
<input type="checkbox"/> D	Individual and Society COMM 11 Fundamentals of Interpersonal Communication	3
<input type="checkbox"/> E	Scientific World PHY 12 College Physics II	4
Subtotal:		10

MAJOR REQUIREMENTS⁴

<input type="checkbox"/> ELC 11	DC Circuit Analysis	4
<input type="checkbox"/> ELC 15	Computer Applications in Technology	2
<input type="checkbox"/> ELC 18	Computer Programming for Engineering Technology	2
<input type="checkbox"/> ELC 21	AC Circuit Analysis	4
<input type="checkbox"/> ELC 25	Electronics I	4
<input type="checkbox"/> ELC 35	Electronics II	4
<input type="checkbox"/> ELC 51	Electronics Control	3
<input type="checkbox"/> ELC 81	Electronics Communications	3
<input type="checkbox"/> ELC 94	Laser and Fiber Optic Communications	4
<input type="checkbox"/> ELC 96	Digital System I	4
<input type="checkbox"/> FYS 11 ⁴	First Year Seminar ⁴	1
<input type="checkbox"/> MTH 30 ²	Pre-Calculus Mathematics	4
<input type="checkbox"/> MTH 31	Calculus and Analytical Geometry I	4
<input type="checkbox"/> ELECTIVES ²	Free Electives ²	0-3
Subtotal:		43
TOTAL :		66