

# Electronic Engineering Technology (A.A.S. Degree) \*

## FALL 2023-SPRING 2024

### Footnotes:

<sup>1</sup> Students with English Proficiency Index (EPI) of 0-49 enroll in corequisite course ENG 100. Students with EPI of 50-64 enroll in corequisite course ENG 110. Students with EPI of at least 65 (or other English proficiency qualification) enroll in ENG 111. Students with ESL need should take appropriate ESL course(s) (Sequence: ESL 01->02->03->09) before enrolling in ENG 110.

<sup>2</sup> Students are eligible to enroll in MTH 28 if they 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), or if they are CUNY Math proficient AND have the appropriate math background in high school. See the Mathematics Course Placement page in the [College Catalog](#).

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

<sup>3</sup> Students not eligible for MTH 28 or higher courses enroll in corequisite course MTH 28.5. However, note that students with Math Proficiency Index of 39 or lower are strongly encouraged to enroll in Math Start/CUNY Start.

<sup>4</sup> Student must enroll in ENG 110 in order to take HIS 11.

<sup>5</sup> See Degree map at: <http://www.bcc.cuny.edu/academics/academic-advising/degree-maps/> for semester-by-semester sequence.

<sup>6</sup> Students 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.

### \*Note:

In order to apply for [graduation](#), students must complete all required courses with appropriate grades, complete two writing intensive courses, and have a minimum GPA of 2.0.

### REQUIRED COMMON CORE

<input type="checkbox"/> A	English Composition <sup>1</sup> 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 Reasoning <sup>2</sup> MTH 28 <sup>2</sup> College Algebra and Elementary Trigonometry OR MTH 28.5 <sup>3</sup> (Corequisite)	3
<input type="checkbox"/> C	Life and Physical Sciences PHY 11 College Physics I	4
<b>Subtotal:</b>		<b>13</b>

### FLEXIBLE COMMON CORE

<input type="checkbox"/> A	World Cultures and Global Issues HIS 10 History of the Modern World OR HIS 11 <sup>4</sup> 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
<b>Subtotal:</b>		<b>10</b>

### MAJOR REQUIREMENTS<sup>5</sup>

<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 <sup>6</sup>	First Year Seminar <sup>6</sup>	1
<input type="checkbox"/> MTH 30 <sup>2</sup>	Pre-Calculus Mathematics	4
<input type="checkbox"/> MTH 31	Calculus and Analytical Geometry I	4
<input type="checkbox"/> ELECTIVES <sup>2</sup>	Free Electives <sup>2</sup>	0-3
<b>Subtotal:</b>		<b>43</b>
<b>TOTAL :</b>		<b>66</b>