

# ELECTRONIC ENGINEERING TECHNOLOGY

## A.A.S. Degree\*

<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 not eligible for MTH 28 or higher 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>3</sup> HIS 11 is for students who enroll in ENG 110 as a corequisite.

<sup>4</sup> It is highly recommended that students take FYS 11 in their first or second semester prior to earning 24 credits. Students who have earned 24 or more credits are permitted to use the one credit as a free elective.

<sup>5</sup> Students who place out of MTH 28 will apply MTH 30 to Required Core B and must take 3 elective credits.

\*Note: In order to graduate, students must meet all requirements, including, completing all required courses with appropriate grades, completing two writing intensive courses, and earning a minimum GPA of 2.0, and [applying for graduation](#).

SEMESTER I Freshman	Prerequisite/Corequisite	
<input type="checkbox"/> <b>Required Core A:</b> English Composition I - ENG 100 Integrated Reading and Writing <b>OR</b> ENG 110 Fundamentals of Writing and Rhetoric <b>OR</b> ENG 111 Writing and Rhetoric <sup>1</sup>	See footnote <sup>1</sup>	3
<input type="checkbox"/> <b>Required Core B:</b> MTH 28 College Algebra and Elementary Trigonometry <b>OR</b> MTH 28.5 College Algebra and Elementary Trigonometry Corequisite <sup>2</sup>	See footnote <sup>2</sup>	3
<input type="checkbox"/> <b>Flexible Core A:</b> HIS 10 History of the Modern World <b>OR</b> HIS 11 Introduction to the Modern World <sup>3</sup>	<a href="#">See catalog</a>	3
<input type="checkbox"/> <b>Major Requirement:</b> ELC 11 DC Circuit Analysis	Corequisite: ENG 100, if required; and MTH 28 or MTH 28.5, if required	4
<input type="checkbox"/> <b>Major Requirement:</b> ELC 15 Computer Applications in Technology	Corequisite: MTH 28.5, if required	2
<input type="checkbox"/> <b>Major Requirement:</b> FYS 11 First Year Seminar <sup>4</sup>	None	1
<b>Subtotal:</b>		<b>16</b>

SEMESTER II Freshman	Prerequisite/Corequisite	
<input type="checkbox"/> <b>Required Core A:</b> ENG 112 Composition and Rhetoric II <b>OR</b> ENG 113 Writing About Literature <b>OR</b> ENG 114 Written Composition and Prose Fiction <b>OR</b> ENG 115 Written Composition and Drama <b>OR</b> ENG 116 Written Composition and Poetry	ENG 100, 110, or 111	3
<input type="checkbox"/> <b>Major Requirement:</b> MTH 30 Pre-Calculus Mathematics <sup>5</sup>	MTH 28 or equivalent	4
<input type="checkbox"/> <b>Flexible Core E:</b> PHY 11 College Physics I	MTH 28 or 28.5, if required; Corequisite: ENG 110	4
<input type="checkbox"/> <b>Major Requirement:</b> ELC 21 AC Circuit Analysis	ELC 11; Corequisite: ENG 110, if required, and MTH 30	4
<input type="checkbox"/> <b>Major Requirement:</b> ELC 25 Electronics I	ELC 11 or ELC 31	4
<b>Subtotal:</b>		<b>19</b>

SEMESTER III Sophomore	Prerequisite/Corequisite	
<input type="checkbox"/> <b>Major Requirement:</b> ELC 18 Computer Programming for Engineering Technology	ELC 15 Corequisite: MTH 28 or 28.5, if required	2
<input type="checkbox"/> <b>Major Requirement:</b> ELC 35 Electronics II	ELC 25	4
<input type="checkbox"/> <b>Major Requirement:</b> ELC 96 Digital Systems I	ELC 13 or ELC 15, or EGR 11 Corequisite: MTH 13 or MTH 30	4
<input type="checkbox"/> <b>Major Requirement:</b> MTH 31 Analytic Geometry & Calculus I	MTH 30 or equivalent; CUNY English Proficiency or ENG 100 or 110, if required	4
<input type="checkbox"/> <b>Major Requirement:</b> PHY 12 College Physics II	PHY 11	4
<b>Subtotal:</b>		<b>18</b>

SEMESTER IV Sophomore	Prerequisite/Corequisite	
<input type="checkbox"/> <b>Flexible Core D:</b> COMM 11 Fundamentals of Interpersonal Communication	Corequisite: ENG 110, if required	3
<input type="checkbox"/> ELC 51 Electronics Controls	ELC 35 and ELC 96	3
<input type="checkbox"/> ELC 81 Electronics Communications	ELC 35 Corequisites: ELC 18, PHY 12, and MTH 31	3
<input type="checkbox"/> ELC 94 Laser & Fiber Optic Communications	PHY 12, ELC 35, and ELC 81 Corequisite: ELC 81	4
<input type="checkbox"/> Free Elective to complete 60 credits	<a href="#">See catalog</a>	0-1
<b>Subtotal:</b>		<b>13</b>

**TOTAL: 66**