

Applied Science and Technology A.A.S.
Electrical Engineering Technology Advising Sequence*

Fall 2023

Student's Name:	Advisor's Name:
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Student may need to take the following courses:	<input type="checkbox"/> ENGL 098 - Accelerated Writing Skills for ENGL 100 <input type="checkbox"/> RDNG 116 - College Reading & Study Skills	<input type="checkbox"/> MATH 022 – Skills and Support for Technical Mathematics <input type="checkbox"/> MATH 029 – Skills and Support for Statistics
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Course Requirement	Course Title	Credits	Min. Grade	Grade Earned T - Transfer	Semester Completed
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FIRST YEAR

FALL

FSS 140	Freshman Seminar - Applied Science & Technology	1			
CAPS 121	Introduction to Spreadsheets	1			
CAPS 123	Advanced Spreadsheets	1			
CAPS 131	Introduction to Databases	1			
DRAF 107	Engineering Graphics	2			
ELEC 102	Introduction to Electrical Engineering Applications	4			
ENGL100 ¹	Academic Writing I	3	C		
Social Science Elective ²		3			
Total Credits		16			

SPRING

CIS 108 OR CSCI 160 ³	Introduction to Computer Information Systems OR Computer Science I	3			
ELEC 128	Fundamentals of Electricity	4			
ENGL101	Academic Writing II	3			
ENVS 102	Technology and the Environment	3			
MATH 122	Technical Mathematics	3			
Total Credits		16			

SECOND YEAR

FALL

ELEC 224	Digital Electronics	4			
ELEC 234	Analog Electronics	4			
ENGL103	Report Writing	3			
SUNY GEN ED Lab Science Elective ⁴		3			
Total Credits		14			

SPRING

ELEC 244	Industrial Electronics with PLCs	4			
ENGL 201 OR ENGL 204 OR ENGL 210	Public Speaking OR Interpersonal Communication OR Intercultural Communication	3			
Humanities Elective ⁵		3			
MATH 200	Statistics	3			
SUNY GEN ED Lab Science Elective ⁴		3			
Total Credits		16			

Minimum Credits Required for Graduation: 62 A cumulative GPA of at least 2.0 is required for conferral of degree.

¹ A student exempted from ENGL 100 must substitute a three-credit unrestricted elective to be selected in consultation with the student's advisor.

² Social Science Elective: Select in consultation with student's advisor. A SUNY GEN ED Social Science course is recommended.

³ CIS 108 recommended.

⁴ SUNY GEN ED Lab Science Electives: CHEM 101 or CHEM 107 or PHSC 104 and PHSC 105 recommended.

⁵ Humanities Elective: ENVS 105 or other SUNY GEN ED Humanities course is recommended

*This sequence of classes fulfills the requirements of the Applied Science and Technology AAS Degree with an emphasis on Engineering Technology