

# GENERAL TECHNOLOGY, A.A.S.

## Requirements

The major in General Technology requires that a student complete a minimum of 15.0 credit hours in General Education. These 15.0 hours need to be drawn from and include one course from each of the following:

Courses	Course Title	Credit Hours
Math Requirement		3
MAT 102	Intermediate Algebra	3
or MAT 110	College Algebra	
or MAT 111	College Trigonometry	
or MAT 120	Probability and Statistics	
or MAT 122	Finite College Mathematics	
or MAT 123	Contemporary College Mathematics	
or MAT 130	Elementary Calculus	
or MAT 140	Analytical Geometry and Calculus I	
or MAT 141	Analytical Geometry and Calculus II	
or MAT 155	Contemporary Mathematics	
or MAT 170	Algebra, Geometry and Trigonometry I	
or MAT 171	Algebra, Geometry and Trigonometry II	
or MAT 220	Advanced Statistics	
or MAT 240	Analytical Geometry and Calculus III	
or MAT 242	Differential Equations	
ENG 101	English Composition I	3
or ENG 165	Professional Communications	
Elective Social/Behavioral Sciences ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
Lab Science/Mathematics ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
Elective Humanities/Fine Arts ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		

## Required Core Subject Areas

(Minimum 33 Credit Hours)

The student supplements the general education requirements with a minimum of 33.0 credit hours in Required Core Subject Areas. These courses are selected by the student and advisor to meet the particular employment needs and aspirations of the student.

The General Technology major allows a student to select coursework for becoming a multi-skilled technician. The Required Core consists of a primary and secondary technical specialty.

### Primary Technical Specialty

The primary technical specialty consists of a minimum of 21 semester hours credit in a single content area from an approved degree, diploma

or technical education certificate program that is currently offered by the college.

### Secondary Technical Specialty

The secondary technical specialty consists of a minimum of an additional 12 semester hour credits from one of two options:

1. 12 semester hour credits from an approved degree, diploma or technical education certificate program that is currently offered by the college, or
2. 12 semester hour credits from an interdisciplinary mix of credits awarded for coursework from any program, military training, experiential learning and/or testing, other hours for graduation

## Other Hours for Graduation

(Credit Hour Range 12-36)

Technical colleges within the State Tech System may use the courses identified in this section of the model to adapt the program to meet the needs of local employers and students. The student may use credits in this section to develop a third technical specialty or to enhance the primary and secondary technical specialties. Credits should be chosen by the student under the guidance of his/her faculty advisor, for the purpose of allowing the student to adapt the program to his/her individual objectives. Courses in this section may include credits awarded for military training, experiential learning and testing.

## Example Programs Offering this Degree Option

For more information on the guided program outlines for the A.A.S. Major in General Technology, please see the following areas in the catalog:

- Welding
- Gunsmithing
- Commercial Art