

Engineering Technology ET33

The Engineering Technology Program is intended to provide the opportunity for students to explore a career in engineering at the professional level. Program graduates will receive an Associate of Applied Science degree in Engineering Technology, qualifying them as engineering technicians with a specialization in mechanical engineering technology or electrical engineering technology.

Other conditions for Admission

MATH 1111, College Algebra, is a prerequisite course for MATH 1113, Precalculus

Program: [Engineering Technology](#)

Type: Associate of Applied Science, AAS

Location: Camden

Entrance Requirements

- Submit a completed application;
- High School diploma or equivalent required:
Yes
- Age Requirement:
- Submit official high school/high school equivalent transcripts, if applicable;
- Submit official college transcripts, if applicable;
- Satisfy [Placement Testing](#) requirements.

Area I - Language Arts/Communications

Item #	Title	Credits
ENGL 1101	Composition and Rhetoric	3
Minimum Credit Hours for Graduation:		3

Area II - Social/Behavioral Sciences

* Choose one of the following:

Item #	Title	Credits
HIST 1111	World History I	3
HIST 1112	World History II	3
HIST 2111	U.S. History I	3
HIST 2112	U.S. History II	3
Minimum Credit Hours for Graduation:		3

Area III - Natural Sciences/Mathematics

Item #	Title	Credits
MATH 1113	Precalculus	3
Minimum Credit Hours for Graduation:		3

Area IV - Humanities and Fine Arts

* Choose one of the following:

Item #	Title	Credits
MUSC 1101	Music Appreciation	3
ARTS 1101	Art Appreciation	3
Minimum Credit Hours for Graduation:		3

Additional General Education

Item #	Title	Credits
MATH 1131	Calculus I	4
Minimum Credit Hours for Graduation:		4

Occupational Courses

Item #	Title	Credits
DFTG 2010	Engineering Graphics	4
ENGL 1102	Literature and Composition	3
ENGL 1105	Workplace and Technical Communications	3
PHYS 1111	Introductory Physics I	3
PHYS 1111L	Introductory Physics I Lab	1
PHYS 1112	Introductory Physics II	3
PHYS 1112L	Introductory Physics Lab	1
SPCH 1101	Public Speaking	3
Minimum Credit Hours for Graduation:		21

Chemistry Course

* Choose one of the following courses and the corresponding lab:

Item #	Title	Credits
CHEM 1151	Survey of Inorganic Chemistry Lab	3
CHEM 1151L	Survey of Inorganic Chemistry Lab	1
CHEM 1211	Chemistry I	3
CHEM 1211L	Chemistry Lab I	1
Minimum Credit Hours for Graduation:		4

Electrical Engineering Technology 8EI3

Item #	Title	Credits
ENGT 1000	Introduction to Engineering Technology	3
ECET 1101	Circuit Analysis I	4
ECET 2101	Circuit Analysis II	4
ECET 1110	Digital Systems	4
ECET 2120	Electronic Circuits	4
MATH 1132	Calculus II	4
Minimum Credit Hours for Graduation:		23

Minimum Credit Hours for Graduation: 64