

FIRST-YEAR ELECTRICAL ENGINEERING TECHNOLOGY MAJORS (EET)

Students should expect to take four or six courses in their first semester. Typically, these will include an English Composition course, engineering technology courses, a math course and a first year experience course. Some students may be advised to take at least one general education course. Full time is considered 12 credits; students who want to avoid “overload” in their first semester may wish to limit the credits they attempt to 12 if possible.

Students’ math placement will determine which math course they will take and also which required engineering technology courses they may take in their first semester. Students with a math placement level below 45 will be considered STEM Engineering majors until Pre- Calculus ready.

Students who have earned college credit for any of the courses below will work with an advisor to identify appropriate courses for the first semester.

Your academic advisor will make every effort to accommodate your schedule preferences; however, course availability will be limited in many cases, and may mean that have to take a course at a time that might not be what you would prefer. It is important to remember that your advisor has your long term goals in mind as you work toward pursuing your degree and career.

Math Placement = Level 10

STEM Engineering

First Semester Courses	Required Degree Area	Credits
English composition (based on placement)	General Education	3-4
Math 1505: Intermediate Algebra with Applications	Preparation for required math	5
ETNC 1501: Introduction to Engineering Technology	Major	2
***General Education course	General Education	3
		13-15

Math Placement = Level 20

STEM Engineering

First Semester Courses	Required Degree Area	Credits
English composition (based on placement)	General Education	3-4
MATH 1507: Intermediate Algebra or MATH 1510/1510C: College Algebra with Co-requisite	Preparation for required math or preparation for required math and General Education	3 or 6
ETNC 1500: Technical Skill Development	Major	4
ETNC 1501: Introduction to Engineering Technology	Major	2
		12-16

Math Placement = Level 35

STEM Engineering

First Semester Courses	Required Degree Area	Credits
English composition (based on placement)	General Education	3-4

MATH 1510: College Algebra	Preparation for required math and General Education	4
ETNC 1500: Technical Skill Development	Major	4
ETNC 1501: Introduction to Engineering Technology	Major	2
***General Education course	General Education	3
		16-17

Math placement = Level 45

First Semester Courses	Required Degree Area	Credits
MATH 1513: Algebra and Transcendental Functions (Pre-Calculus)	Preparation for required math and General Education	5
ETNC 1500: Technical Skill Development	Major	4
ETNC 1501: Introduction to Engineering Technology	Major	2
EET 1501: Circuit Theory I with Lab	Major	4
		15-16

Math Placement = Level 70

First Semester Courses	Required Degree Area	Credits
ETNC 1500: Technical Skill Development	Major	4
ETNC 1501: Introduction to Engineering Technology	Major	2
CCET 1503: CAD Technology	Major	2
CCET 1504: Drafting and Plan Reading	Major	2
EET 1501: Circuit Theory I with Lab	Major	4
		14

* RSS 1510 if required by placement