



Electrical Engineering Technology offers a minor or a certificate for interested students.

These options offer students from any major the opportunity to become familiar with the fundamentals of Electrical Engineering Technology such as DC and AC circuits, generators, motors, semiconductor-based circuits, digital circuits, and microcontrollers.

Students interested in the minor or certificate do not need an extensive math background.

To see the descriptions of the courses required, please visit [the Catalog](#).

Electrical Engineering Minor or Certificate – 19 hours

Required Classes		Prerequisites	Credit Hours
EET 2000	Electric Circuits and Machines	MTH 1120 or 1400; PHY 2020 or 2331	3
<i>The sequence of EET 1140 & 1150 may be substituted for EET 2000.</i>			
EET 2310	Digital Circuits 1	Intermediate Algebra	3
EET 2350	Advanced Technical Programming	MTH 1400 or MTH 1110 and MTH 1120	3
EET 2145	Electronics	EET 1150 or EET 2000 and CHE 1100 or CHE 1800	3
<i>or</i>			
EET 3010	Industrial Electronics	EET 1150 or EET 2000	4
EET 3330	Digital Circuits 2	EET 2310	3
EET 4370	Microcontrollers	EET 2350 and EET 3330	3

Certificate students who are interested in continuing to the Electrical Engineering Technology Bachelor of Science are required to take EET 1140 & 1150, and EET 2145.