

Electronics Engineering Technology

Program 68500
CIP 150303

Certificate of Proficiency

The Electronics Engineering Technology certificate program provides students with the level of technical competency normally required of technicians in the field of digital/microcomputer electronics.

Students may be eligible for credit or advanced standing for work experience in electronics.

Successful graduates will be able to:

- analyze, test, troubleshoot, and repair electronic circuits;
- operate modern electronics test equipment to diagnose, troubleshoot, and repair electronic circuits;
- display knowledge of basic analog and digital communication systems.

All courses in this program completed with a grade of C or better may be applied toward the Electronics Engineering Technology Associate in Applied Science degree program.

Admission to the certificate program requires a high school diploma or equivalent with two years of algebra and one year of laboratory science (chemistry or physics preferred). In a particular year, some required courses may be available only during the day or evening.

Curriculum

Code	Course (lecture/lab hours)	Credits
ENG 101	English Composition I (3/0)	3
EET 138	Introduction to Electronics I (3/3)	4
EET 139	Introduction to Electronics II (3/3)	4
EET 251	Digital Circuit Fundamentals (3/3)	4
EET 219	Electronic Networks (3/3)	4
MAT —	Mathematics elective ¹	4
— —	Technical electives ²	12
		35

¹ MAT 146 or higher depending on placement.

² All electives must be chosen with the approval of an EET advisor. Suggested electives include EET 140, 214, 215, 230, 263.

