



# Electronics Engineering Technology

Program ENGR.ELCT.CERT  
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.

### PROGRAM OUTCOMES

- 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.

### Certificate 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 <sup>1</sup>	4
— —	Technical electives <sup>2</sup>	12
		35

<sup>1</sup> MAT 146 or higher depending on placement.

<sup>2</sup> All electives must be selected with the approval of an EET advisor. Suggested electives include EET 140, 214, 215, 230, 263.