



2023-2024 Academic Year

Electronics Engineering Technology

Certificate of Proficiency

B-STEM Division

Business, Science, Technology, Engineering and Math

[609.570.3482](tel:609.570.3482) admiss@mccc.edu

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.

SEE ALSO:

[Electronics Engineering Technology](#) degree program

CERTIFICATE CURRICULUM

2023-2024 Academic Year

ENGR.ELCT.CERT

CIP 150303

Credit-bearing certificate programs can serve as gateways to earning an associate degree. Students are encouraged to consult the program coordinator, an academic advisor or Success Coach to explore such opportunities.

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 219	Electronic Networks (3/3)	4
EET 251	Digital Circuit Fundamentals (3/3)	4
MAT 146	Pre-Calculus (4/0)	4
	<ul style="list-style-type: none">• MAT 151 is an acceptable alternative.	
— —	Technical electives	12
	<ul style="list-style-type: none">• All selections require program advisor approval. Recommended: EET 140, 145, 214, 230, 263, 266.	
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