

ADVANCED ELECTRONICS TECHNOLOGY, CERTIFICATE

The **Advanced Electronics Technology certificate** prepares students for an entry-level electronics and electricity technology position with basic skills and competencies in the field of analog and digital electrical and electronic devices. It provides students with fundamentals of electricity and electronics, including analog and digital circuits, microcomputers, and industrial automation.

For more information about Electronics Technology, please visit the program page (<http://www.cod.edu/electronics/>).

Certificate Requirements

Field of Study Code: ELECT.CER.ADVET

Code	Title	Credits
ELECT 1100	Electricity and Electronics Fundamentals	3
ELECT 1101	Circuits I	3
ELECT 1120	Electronic Documentation and Fabrication	2
ELECT 1141	Digital Fundamentals	3
ELECT 1151	Electronic Devices and Applications	4
ELECT 1161	Modern Communications	3
ELECT 2273	Embedded Systems & Microcontroller Programming	3
ELMEC 1106	Power Electricity and Rotating Machines	4
ELMEC 2510	Process and Automation Controls	3
ELMEC 2520	Industrial Control and Data Acquisition	3
Total Credits		31