

Electronics Technology Certificate

This certificate is designed to prepare the student for an exciting and well-paying career as an electronics technician by education in the basic information and skills necessary to perform the assigned duties of a technician in a safe and professional manner. Electronics technology plays a vital role in much of modern technology. Electronic technicians must be proficient at installing, maintaining and troubleshooting a wide range of digital and analog systems. Students will work with excellent facilities and some of the latest laboratory equipment. Completers of the certificate will have the opportunity for employment in one of today's most challenging and exciting career fields.

(Major Code 6220; State CIP Code 47.0101)

Electronics Technology (<http://www.jccc.edu/academics/credit/electronics-technology>)

Gainful employment data (<http://www.jccc.edu/academics/credit/electronics-technology/gainful-employment-electronics/47.0101-Gedt.html>)

First Semester

ELEC 120	Introduction to Electronics	3
ELEC 125	Digital Electronics I	4
ELEC 134	DC Circuits*	4
ELEC 186	CompTIA A+ Essentials	3
Total Hours		14

Second Semester

ELEC 225	Digital Electronics II*	3
ELEC 234	AC Circuits*	4
ELEC 235	Microprocessors*	4
ELEC 236	Semiconductor Devices*	4
ELEC 240	Electronic Communication Systems*	4
Note: Enrolling in 19 credit hours will require a course overload registration override. Please contact Counseling.		

Total Hours	19
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Total Program Hours: 33