

## ELECTRONICS ENGINEERING TECHNOLOGY

### Electronics Certificate

This 16 credit-hour certificate program is designed to prepare students for careers in the field of electronics and other related technology industries. The curriculum is very flexible as it allows students to choose from a number of electronics courses in many diverse technology areas and is tailored to provide entry-level career training in a relatively short time. A broad range of electronics courses provides considerable emphasis on analysis, operation, application, installation and servicing. Because most courses have prerequisites, students should consult with the Program Coordinator prior to enrolling.

Students completing this program may find employment in various entry-level positions in technical sales, manufacturing and quality control, and customer service.

Students may also continue their education by pursuing an Associate in Applied Science degree. Students considering this option are encouraged to meet with the Program Coordinator and an academic advisor prior to beginning the program and also when planning their schedule each semester.

F = Fall only course S = Spring only course U = Summer only course

### Electives: Choose any combination of 16 credit hours with Program Coordinator approval:

Number	Course Title	Credits
ELT 101	DC Network Analysis <b>(F)</b> .....	4
ELT 102	AC Network Analysis <b>(S)</b> .....	4
ELT 103	RF Network Analysis .....	4
ELT 110	Introductory Electronics .....	4
ELT 111	Semiconductor Devices and Circuits <b>(S)</b> .....	2
ELT 203	Digital Electronics <b>(F)</b> .....	4
ELT 204	Analog Electronics .....	4
ELT 207	Communications Systems <b>(S)</b> .....	4
ELT 215	Industrial Control Systems .....	4
ELT 218	Embedded Microcontroller/Processor Systems <b>(S)</b> .....	4
ELT 281	Topics in Electronics Engineering Technology .....	1-4