

ELECTRONICS ENGINEERING TECHNOLOGY

Radio Frequency ID (RFID) Electronics Certificate

NOTE: This program is being withdrawn. Its inclusion in our catalog is for those students who are finishing the requirements.

This 16 credit-hour certificate program is designed to prepare students for careers in the field of radio frequency identification (RFID) systems and other related technology industries. A broad range of courses provides the student with a solid foundation in electronics, industrial controls and maintenance techniques, wireless communications systems and radio frequency identification systems. Contemporary RFID applications relevant to current industry needs such as material handling and transportation, electronic warehousing, inventory tracking and control, and potential homeland security applications are also examined. The curriculum is tailored to provide entry-level career training in a relatively short time. Emphasis is placed on system analysis, and equipment operation, application, installation and servicing while focusing on radio frequency and microwave technologies.

Students completing this program may find employment in various entry-level positions in technical sales, applications engineering, and customer or field service.

Students may also continue their education by pursuing as Associate in Applied Science degree. Students considering this option are encouraged to meet with the program coordinator and a Student Development Faculty Counselor prior to beginning the program and also when planning their schedule each semester.

Required:

Number	Course Title	Credits
ELT 110	Introductory Electronics	4
ELT 120	Introductory Industrial Electronics Maintenance	2
ELT 147	Radio Frequency ID Systems	2
ELT 207	Communications Systems	4
ELT 215	Industrial Control Systems	4