

Electrical/Electronic Engineering Technology: Automated Controls

Associate of Applied Science Degree

Program Overview:

The Electrical/Electronic Engineering Technology major gives students a broad education in AC and DC circuits, electronic circuits, logic circuits, advanced electronic circuits, digital computer systems, and integrated circuits through practical laboratory experiences and classroom instruction.

The **Automated Controls Concentration** provides in-depth study in robotics, process control with feedback control loops, programmable logic controllers, transducers, and factory cell automation.

What Will I Do On The Job?

You will help ideas turn into reality. Assisting engineers or scientists, or working on your own, you will use your technical skills to come up with practical solutions to a variety of problems.

What Skills Will I Use On The Job?

You will use math, science, and engineering skills to work on a variety of projects in a wide range of fields. You will most likely report to an engineer and your work will be more hands-on. You will need to instruct others on how to build and fix things; therefore good communication skills are vital.

Possible Job Titles

Engineering Technician, Electronics Technician, Industrial Electronics Technician, Industrial-Electrician, Instrumentation Technician, Manufacturing Technician, Plant Technician, Robotics Technician, Service Technician, Systems-Application Technician.

Who Will Hire Me?

Employers of electrical engineering technicians include electronic equipment manufacturers, public utilities, government agencies, electronic equipment distributors, semiconductor manufacturers, and manufacturing and processing industries that use electronic control equipment. Chattanooga State graduates work with such organizations as: Southern Tool & Power, Astec, TVA, Aerotec, Newcomb Spring of TN, Southern Cellulose Products, Electric Power Board (EPB)

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www.bls.gov ▪ tcids.tbr.edu/index.html

Career Services & Counseling Center

Student Center Room 137 ▪ 423-697-4421