WAKE TECH

ELECTRONIC ENGINEERING TECHNOLOGY

The Electronics Engineering Technology curriculum will prepare you to become technicians — and design, build, install, test, troubleshoot, repair, and modify developmental and production electronic components, equipment, and systems such as industrial/computer controls, manufacturing systems, communication systems, and power electronic systems.

A broad-based core of courses, including basic electricity, solid-state fundamentals, digital concepts, microprocessors, micro-controllers, and programmable logic controllers will help you develop the skills you need to perform entry-level tasks. Beyond the core courses, topics include communication systems, and industrial control systems — with emphasis placed on analyzing and troubleshooting electronic systems.

SEATED

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ELECTRONIC ENGINEERING TECHNOLOGY

AAS PROGRAMS

Electronics Engineering Technology (A40200)

CERTIFICATE PROGRAMS

Basic Electronics (C40200A)
Embedded Systems (C40200G)
Instrumentation (C40200F)
Programmable Logic Controllers Programming (C40200B)
Supervisory Control and Data Acquisition Systems (C40200E)

JOB OPPORTUNITIES

Graduates should qualify for employment as engineering assistants or electronic technicians, with job titles such as electronics engineering technician, field service technician, maintenance technician, electronic tester, electronic systems integrator, bench technician, and production control technician.

15%

PROJECTED JOB GROWTH

Employment of electrical and electronics engineering technicians is projected to have an annual growth rate of 8% with 1,096 estimated annual job openings in the Raleigh-Durham region (CFNC.org). Many graduates work in fields related to automation and advanced manufacturing which predicts a 15.2% growth over the next five years.
Find out more: Researchtriangle.org

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