



STEM

Science, Technology,
Engineering, and
Mathematics

ELECTRONICS ENGINEERING TECHNOLOGY

ABOUT THE PROGRAM

In this program, students utilize modern computer-based laboratories interfaced with state-of-the-art test equipment. They support a broad-based core of classes in basic electricity and digital concepts. The instructional program places emphasis on developing the student's ability to think, analyze, and troubleshoot. Written communication skills also play an important role in the curriculum. The curriculum includes classes in fundamentals like DC/AC circuits, electronic devices, and digital electronics. Students also learn how to troubleshoot and apply those fundamental skills, as well as build their own custom project in the last semester of the program.



CCCC Career Community

Students in the STEM career community enjoy logic challenges and problem solving, and they may be hands-on or theoretical in their approach. These students think critically and analytically and are detail-oriented. They may be interested in using technology to make processes more efficient. STEM students enjoy classes in mathematics and/or natural sciences. Graduates are employed in a wide range of careers such as technicians, computer programmers, scientists, engineers, and teachers.



Possible Employment In Industry

Electronics Technicians
Manufacturing Test Technicians
Design Engineering Technicians
Electronics Installers and Repairers



Top Employers In Region

Mertek Solutions
Carolina Electrical Solutions
Wolfspeed
CTI Systems



Occupational Statistics

MEDIAN SALARY:

\$66,390 Annually

Electronics Installers and Repairers

\$65,260 Annually

Electronics Engineering Technician



CENTRAL CAROLINA
COMMUNITY COLLEGE

www.cccc.edu



Degrees

Associate in Applied Science in Electronics Engineering Technology (A40200; LMC, HMC)
Five Semesters (Summer Included)



Diplomas

None



Certificates

Certificate in Electronics Engineering Technology (C40200; LMC, HMC; Day)
Three semesters (Summer Included)



Transfer Options

East Carolina University
University of North Carolina Charlotte

Contact the program lead below to discuss transfer options further.



Additional Program Costs



State Licensure/Exams/ Industry Certifications

Optional (based on choice of elective courses):
CompTIA Network+ and A+; Microsoft Certification



Additional Admissions Process

None



Skills In Demand For Program And Industry

Problem Solving
Attention to Detail
Basic Algebra Skills



Work-Based Learning Information

None



To find all program planning guides, contact information, and more, scan the QR code or visit www.cccc.edu/programs