



## 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



[www.cccc.edu](http://www.cccc.edu)



## Degrees

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



## State Licensure/Exams/ Industry Certifications

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



## Diplomas

None



## Additional Admissions Process

None



## Certificates

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



## Skills In Demand For Program And Industry

Problem Solving  
Attention to Detail  
Basic Algebra Skills



## Transfer Options

East Carolina University  
University of North Carolina Charlotte

Contact the program lead below to discuss transfer options further.



## Work-Based Learning Information

None



## Additional Program Costs



To find all program planning guides, contact information, and more, scan the QR code or visit [www.cccc.edu/programs](http://www.cccc.edu/programs)