



STEM
Science, Technology,
Engineering, and
Mathematics

COMPUTER ENGINEERING TECHNOLOGY

ABOUT THE PROGRAM

In this program, students utilize modern computer based laboratories interfaced with state-of-the-art test equipment to understand how microprocessors are used. They work to troubleshoot computers and circuit boards, as well as program embedded processor systems.

The curriculum includes classes in fundamentals like DC/AC circuits, electronic devices, and digital electronics. Specialized classes in PC troubleshooting, data communication, networking, operating systems and microprocessors round out the specialized skills required in the Computer Engineering Technology career field.



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

Field Service Technicians
Manufacturing Test Technicians
Electronics Technicians
Computer Support Specialist



Top Employers In Region

Coty
Carolina Electrical Solutions
Wolfspeed
CTI Solutions



Occupational Statistics

MEDIAN SALARY:

\$59,660 annually
(Computer Support Specialist)



www.cccc.edu



Degrees

Associate in Applied Science in Computer Engineering Technology (A40160; LMC, HMC (First semester only); Day) Five Semesters (Summer Included)



Diplomas

None



Certificates

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

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