



STEM

Science, Technology,
Engineering, and
Mathematics

ASSOCIATE IN ENGINEERING (AE)

ABOUT THE PROGRAM

The Associate in Engineering (AE) degree is a planned program of study consisting of a minimum of 60 semester hours of credit. This program prepares students to transfer courses or the degree in its entirety to a four-year senior institution. The degree plan includes all required general education and prerequisite courses that are acceptable to all state-funded Bachelor of Engineering programs. Admission into Bachelor of Engineering programs is highly competitive and admission is not guaranteed.



Possible Employment In Industry

North Carolina Articulation Agreements:
<http://bit.ly/2FmTxgc>



Top Employers In Region

Example Programs at Senior Institutions:
Bachelor of Electrical and Computer Engineering
Bachelor of Mechanical Engineering
Bachelor of Civil Engineering
Bachelor of Nuclear Engineering
Bachelor of Coastal Engineering



Occupational Statistics



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.



CENTRAL CAROLINA
COMMUNITY COLLEGE

www.cccc.edu



Degrees

Associate Engineering (A10500)
Lee Campus - Day, 1st and 2nd year;
Evening, 1st and 2nd year (selected courses)
Selected classes are available on the
Chatham and Harnett campuses and via
distance education.



Diplomas

None



Certificates

None



Transfer Options

East Carolina University
North Carolina State University
University of North Carolina at Charlotte
North Carolina A&T State University
Western Carolina University



Additional Program Costs

None



State Licensure/Exams/ Industry Certifications

None



Additional Admissions Process

College-level Math and English ready; Calculus I
may require prerequisite courses not included in
AE



Skills In Demand For Program And Industry



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