



## STEM

Science, Technology,  
Engineering, and  
Mathematics

# MECHANICAL ENGINEERING TECHNOLOGY

## ABOUT THE PROGRAM

Do you love brainstorming new ideas and then transforming them into reality? Mechanical Engineering Technology gives you the skills and knowledge to do just that. Program graduates take engineers' or their own inventive ideas and transform them into products or components within a product or assembly. Mechanical Engineering technicians take a concept from theory to reality by using the latest software in industry (including AutoCAD and Solidworks, as well as others) to create the technical drawings used in the production process and then move through to production using 3D printing technology and manufacturing processes.



## 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

Mechanical Engineering Technician  
Computer-Aided Drafter  
CAD Operator/Designer  
Mechanical Designer  
SolidWorks Design Engineer



## Top Employers In Region

Mertek  
CTI Systems  
Pentair  
Pfizer



## Occupational Statistics

MEDIAN SALARY:  
\$61,990 annually  
(Mechanical Engineering Technician)



CENTRAL CAROLINA  
COMMUNITY COLLEGE

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



## Degrees

Associate in Applied Science in Mechanical Engineering Technology (A40320; Lee Main Campus - Day) Five Semesters (Summer Included)



## Diplomas

None



## Certificates

Mechanical Engineering Technology (C40320; LMC - Day) - two semesters;  
Engineering Graphics (C40320EG, LMC - Day) Four Semesters



## Transfer Options

East Carolina University  
University of North Carolina Charlotte



## Additional Program Costs

None



## State Licensure/Exams/ Industry Certifications

Certified Solidworks Associate  
Certified Solidworks Professional



## Additional Admissions Process

None



## Skills In Demand For Program And Industry

High Attention to Detail  
Basic Computer Literacy  
Good Work Ethic



## 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](http://www.cccc.edu/programs)