Civil Engineering Technology

Educating future engineering technicians to help design, construct, and maintain our civil engineering infrastructure: bridges, roads, dams, culverts, airports and more.

The Basics
There has always been a need to expand and maintain America’s infrastructure. With ever increasing traffic, and the demands of the travelling public, roads, highways, bridges, etc. are continually being built. It is the Civil Engineering Technician, working as the eyes and ears for the engineer, who assures these infrastructure projects get designed and built to last. Surveying, inspecting, designing and constructing are all important aspects of an infrastructure project, and all these skills are taught in DMACC’s CET program.

Where can you work & what can you earn?

Civil Engineering Technicians work in the private and public sector. Graduates of this program go to work for city engineering offices, county engineering offices, state highway departments, private consulting firms, private testing labs, private surveying firms, highway contractors and more. Companies will pay an estimated $35,000–$41,000 starting salary*, plus full benefits packages, for graduates of DMACC’s 2-year Civil Engineering Technology program.

*salary based on 2014 placement data, with excellent advancement potential

This program will give you the education needed to work in a rewarding and growing industry.

What will I learn in this program?

- How to read highway and bridge plans
- How to operate surveying equipment and process the data obtained
- How to sample and test materials used on highway projects
- How to inspect highway and infrastructure projects
- How to design (including how to use computer aided drafting)
- The technical skills necessary to be the engineers representative

“This program was a life changer for me and has boosted me into and toward the top of a career I am proud of.”

Joe Snethen
2005 Graduate

Since its inception in 2000, DMACC has graduated over 199 civil engineering technicians, with a placement rate of over 90%.

Consider joining this group of CET graduates, and have your testimonial added to the growing list of success stories.
## Required Courses

- Fundamentals of Civil Engineering
- Survey I, II and III
- Materials I, II and Soils & Foundations
- Construction I and II
- Automated Design I and II
- Highway Design I and II
- Statics
- Structural Design & Construction
- Summer Internship
- Applied Math II
- Introduction to Computers
- Career Development Skills
- 3 credit hours of a Social & Behavioral elective
- 6 credit hours of communication electives

*classes are not listed in the order they are to be taken, please work with an advisor when planning a schedule.*

Average starting salaries
$35,000 - $41,000

Opportunity for a paid internship
typical pay range: $14 - $15/hour

Learn more about CET job prospects at
https://myweb.dmacc.edu/personal/crwhite/instructor/

All courses are taught by experienced engineers or engineering technicians who have worked as professionals in the field. 5 instructors, with 50+ years of teaching experience and 100+ years of industry experience will provide you with real life examples and practical education.

## Project Lead the Way

If you took Project Lead the Way courses in your high school, the CET program is happy to give you credit for those. (up to 6 credits) EGT460 will transfer is as CET102, Fundamentals of Civil Engineering, and EGT400 will transfer in as CET178, Automated Design I. CET recognizes the skills and knowledge you gained in PLTW, and is happy to reward you with college credit.

Civil Engineering Technology is offered at
the DMACC Boone Campus

For more information contact:

Renee White
Group Leader, Civil Engineering Technology
Toll Free 1-877-863-2222, ext 5056
crwhite@dmacc.edu

Shelby Hildreth
Academic Advisor, DMACC Boone Campus
Toll Free 1-877-863-2222, ext 5024
sdhildreth@dmacc.edu
www.dmacc.edu/programs/civilengineering