



MECHANICAL ENGINEERING TECHNOLOGY

ENGINEERING, SCIENCE & MATHEMATICS CAREER PATHWAY



LOVE TO WORK WITH DESIGN BUT ALSO HAVE A PASSION FOR ENGINEERING?

Mechanical engineering is the most versatile of all engineering programs. The field uses math, science and communications to solve real life problems in climate control systems, manufacturing, and energy efficiency.

Tidewater Community College's mechanical engineering technology program is training the next generation of mechanical engineering technicians to design components, machines, systems and processes that can be used in a variety of industries—from manufacturing to ship repair.

TCC's curriculum develops analytical and scientific skills with hands-on training in drafting and design and instructs students on how the latest technologies are integrated into mechanical engineering. You'll learn how to assist mechanical engineers with collecting and analyzing data, performing experiments and troubleshooting technical problems using what you learn about dynamics, statics, thermal mechanics and fluid mechanics

PROGRAM

ASSOCIATE OF APPLIED SCIENCE IN MECHANICAL ENGINEERING TECHNOLOGY

Complete in as few as 4 semesters / 64 credits

Focus on problem solving and the real-world application of applied engineering sciences and technology with a hands-on curriculum that covers topics from material science and manufacturing processing to computer-aided design and electromechanical controls. Graduates are qualified for careers in the fields of mechanical technology, mechanical design, manufacturing and ship repair.

Graduates may also transfer to Old Dominion University to work towards a bachelor's degree in engineering technology.



TCC FAST FACT

TCC's Advanced Technology Center on the Virginia Beach campus houses labs and the most advanced computers and software programs in use today.

POSSIBLE CAREER PATHS

- Manufacturing technician
- Mechanical engineering technician
- Industrial technician
- Plant maintenance technician
- Transfer to a four-year college or university

IS THIS PROGRAM FOR YOU?

Yes, if you:

- are prepared for high-level math and science courses
- demonstrate strong problem-solving skills
- enjoy a rigorous curriculum

PROGRAM AVAILABILITY

- Virginia Beach

Tidewater Community College does not discriminate on the basis of race, sex, color, national origin, religion, sexual orientation, gender identity, age, veteran status, political affiliation, genetics, or disability in its programs or activities. Inquiries related to the college's nondiscrimination policies may be directed to the Associate Vice President of Human Resources, 121 College Place, Norfolk VA 23510, 757-822-1708. Gainful employment consumer information is available at tcc.edu/gainfulemployment.



TIDEWATER COMMUNITY COLLEGE
From here, go anywhere.™

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