

CIVIL ENGINEERING

TN TRANSFER PATHWAY



With an A.S. degree, you can work as a civil engineer technician.



The median pay is \$42,000-\$54,000 per year.
(Occupational Outlook Handbook)



Create sustainable and environmentally friendly buildings and systems.



MOTLOW STATE

motlow.edu/civilengineering

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CIVIL ENGINEERING CONCENTRATION

Would you like to design and construct the infrastructure of America? Civil engineers create everything from roads, tunnels and bridges, to airports and dams. Motlow's Associate of Science (A.S.) degree in Civil Engineering teaches skills in decision making, leadership, math problem solving, and organization. This program is a Tennessee Transfer Pathway (TTP), and is designed for students who intend to transfer to a four-year institution.

To become an engineer, you need a bachelor's degree or above, but you can still find jobs as a civil engineer technician with an associate degree in engineering. Work as an engineering surveyor, inspector, or design technician. Through realistic construction-based group projects, you'll gain practical experience of applying your engineering judgement and working successfully with others.

Studying civil engineering provides you with a range of technical skills valued by employers in various sectors, including engineering, construction, and property. With a solid grasp of science, mathematics, and technology, you'll learn to design, create, and build structures efficiently, making the best use of available resources and techniques.

Careers in Civil Engineering

The A.S. in Civil Engineering can lead to a variety of exciting employment opportunities. Although advanced positions may require additional education, an associate degree prepares graduates to assist civil engineers and leaders of engineering and surveying projects.

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(Occupational Outlook Handbook)

- Civil Engineering Technician
- Drafter Land Surveyor
- Cartographer
- Operator
- Soil Technician
- Site Supervisor

Transferable Skills

- Creative approach to problem solving
- Critical thinking skills
- Ability to interpret data
- Numeracy, IT, and communication skills
- Analytical and decision-making abilities
- An awareness of ethical issues

