

# MECHANICAL ENGINEERING


## TN TRANSFER PATHWAY



Mechanical Engineering is a Tennessee Transfer Pathway.



Mechanical engineers have an average salary of \$100K/year with an advanced degree.  
*(Occupational Outlook Handbook)*



With an A.S., you can land an entry-level job assisting mechanical engineers.



**MOTLOW STATE**

[motlow.edu/mechanicalengineering](http://motlow.edu/mechanicalengineering)

# MECHANICAL ENGINEERING | TN TRANSFER PATHWAY

## MECHANICAL ENGINEERING

If you're a curious person who enjoys learning how things work, an associate degree in mechanical engineering might be for you. Whether you're interested in vehicle technologies, energy systems, or robotics, you'll build strong versatile skills and deepen your knowledge as an engineer. Put theories and facts to work as you discover solutions to current and future challenges.

The Associate of Science (A.S.) degree in Mechanical Engineering at Motlow is a Tennessee Transfer Pathway (TTP). TTPs enable you to complete your degree at Motlow and then seamlessly transfer to any Tennessee public, and many private, universities to complete your bachelor's degree.

Motlow mechanical engineering students learn how to apply mathematical, scientific, and engineering concepts to the design, development, and analysis of technological issues in an array of industries. Graduates usually work under the direction of engineering professionals, including mechanical engineers and technologists.

Graduates who earn A.S. degrees from Motlow's mechanical engineering pathways have the training for employment in a wide variety of industries. Mechanical engineering technicians are real problem solvers with responsibilities that can range from support technician to plant manager.

### Career Opportunities:

- Mechanical Engineer (\$54-75k/year)
- Aerospace Engineer (\$68-100k/year)
- Mechanical Designer (\$70k/year)

*(Occupational Outlook Handbook)*

With an A.S. degree from Motlow, students can perform entry-level work as mechanical engineer technicians.

### Practical Experience:

- Electricity
- Structural Analysis
- Kinematics
- Mechanics
- Thermodynamics
- Material Science

