

ELECTRICAL ENGINEERING

TN TRANSFER PATHWAY



Electrical Engineering is a Tennessee Transfer Pathway.



Electrical 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 electrical engineers.



MOTLOW STATE

motlow.edu/electricalengineering

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Starting pay for an electrical engineer with an associate degree ranges between \$45k-72k per year.

(Occupational Outlook Handbook)

ELECTRICAL ENGINEERING

If you're a curious person who enjoys learning how things work, an associate degree in electrical engineering might be for you. This degree should help you land an entry-level job assisting electrical engineers or electronics engineers, or prepare you for advanced educational opportunities.

Electrical engineers work with the technology of electricity. From electrical control systems and machinery to electrical power.

The Associate of Science (A.S.) degree in Electrical Engineering prepares you for transfer to a college or university through the Tennessee Transfer Pathway (TTP).

Motlow electrical 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. Electrical theory and related principles are also covered, and students learn how to use these to test and modify electrical machinery, electrical control equipment, and circuitry in industrial and commercial plants and laboratories. Graduates usually work under the direction of engineering professionals, including electrical engineers and technologists.

Electrical engineers with advanced degrees can earn more than \$100k per year. With an A.S. degree from Motlow, students can perform entry-level work in electronics repair or electrical installation.

(Occupational Outlook Handbook)

Training and Employment

Graduates who earn A.S. degrees from Motlow electrical engineering pathways have the training for employment in a wide variety of industries. Their work may include aerospace engineering, utilities, and projects in the following fields:

- Communications
- Power
- Electromechanics
- Electronics
- Aerospace
- Transportation
- Medical Technology
- Manufacturing
- Computers

