

ROBOTICS PATHWAY

This high-wage, high-demand program prepares you for a career in fields such as automotive, power production, manufacturing, robotics, and more.

➤ Receive your **Motlow Certificate** through the Dual Enrollment, Traditional, or TCAT route.

DUAL ENROLLMENT*

- MECH 1310: Electrical
- MECH 1320: Mechanical/Motors
- MECH 1330: Fluid Power
- MECH 1340: Digital Fundamentals/PLCs
- MECH 1350: Intro to Robotics
- MECH 2320: Motor Control

*DE students are also eligible to complete the AAS before graduating high school

TRADITIONAL

- MECH 1310: Electrical
- MECH 1320: Mechanical/Motors
- MECH 1330: Fluid Power
- MECH 1340: Digital Fundamentals/PLCs
- MECH 1350: Intro to Robotics
- MECH 2320: Motor Control

TCAT'S

Students take the following courses:

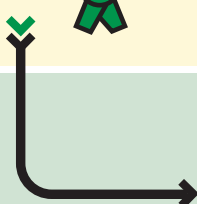
- Electrical
- Mechanical
- Fluid Power
- PLCs



MOTLOW CERTIFICATE
Fayetteville / McMinnville / Smyrna

Earn up to
\$45K

Take the Siemens
LEVEL 1 EXAM



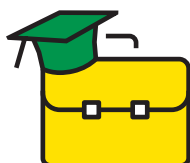
**AAS with
ROBOTICS
CONCENTRATION**

- MECH 2710: Safety and Operation
 - MECH 2720: Design and Maintenance
 - MECH 2730: Design and End Effector Tooling
 - MECH 2740: Robotic Welding
 - MECH 2750: Applications Capstone
- Plus General Education Requirements



- Introduction to Safety
- Introduction to Robotics
- Basic Operators Training
- Basic Programming with Material Handling

**CERTIFICATION
EARNED**



CAREER

Earn up to
\$65K

Take the Siemens
LEVEL 2 EXAM

