

# ADVANCED MANUFACTURING TECHNOLOGY



## ARE YOU CURIOUS ABOUT MACHINES & TECHNOLOGY?

*Certificate - Advanced Manufacturing Technology: Programmable Logic Controllers (PLC), Computer Numerical Control (CNC), Industrial Maintenance Technician, Automation/Robotics Technician*

*Associate of Applied Science: Automation/Robotics, Manufacturing Maintenance, Welding*

If you like to design, build, or repair things in a challenging career with continued growth potential this program is for you! The Crowder AMT program prepares students for employment in the field of PLC, CNC, industrial maintenance and automation. AMT students learn how to install, operate and maintain industrial machines and automated systems related to manufacturing and industrial processes.

PLC and CNC certificates are offered in a one-semester format while industrial maintenance and automation and robotics are two-semester programs at the Joplin Advanced Training & Technology Center, while all others are offered at the Neosho campus.

## WHY CROWDER?

- Advanced Manufacturing graduates are generally considered to be the most employable group by manufacturers in the entire United States.
- Certificate and Degree programs.
- The AMT program has had 100% placement of graduates, both certificated and degreed since 2012.
- State of the art training apparatus/equipment.
- Highly competitive jobs and wages.

# CROWDER COLLEGE

JOPLIN ADVANCED TRAINING  
AND TECHNOLOGY CENTER  
420 S GRAND AVE, JOPLIN, MO 64801

# ADVANCED MANUFACTURING

## WHAT WOULD MY POTENTIAL JOB BE LIKE?

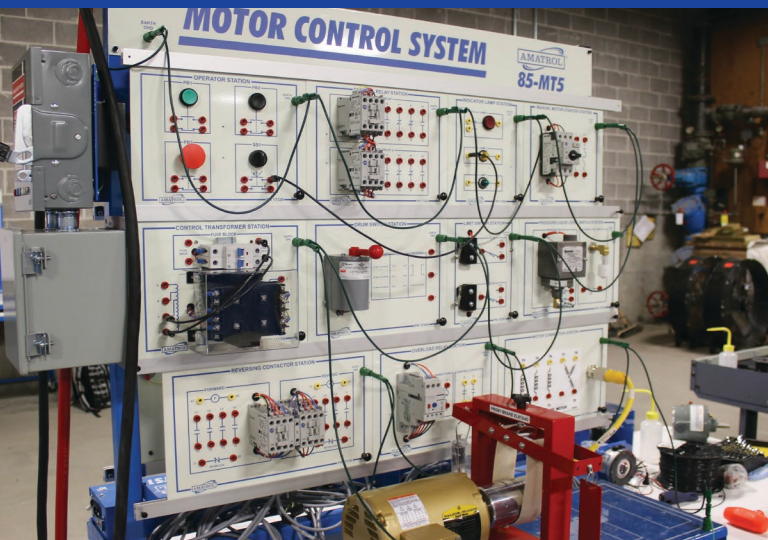
- Monitor and adjust production processes or equipment for quality and productivity.
- Inspect finished products for quality and adherence to customer specifications.
- Perform preventive or corrective maintenance on robotic systems or components.
- Mount, install, align, and secure tools, attachments, fixtures, and workpieces on machines, using hand tools and precision measuring instruments.
- Troubleshoot new or existing product problems involving designs, materials, or processes.

## POTENTIAL CAREERS

- Robotics Technicians
- Industrial Production Managers
- Manufacturing Engineers
- Industrial Maintenance Technicians
- Manufacturing Production Technicians

## CAMPUS LOCATIONS OFFERING AMT

Advanced Manufacturing is offered at two Crowder College locations: Joplin Advanced Training & Technology Center and Neosho. Joplin ATTC offers a one or two semester certificates, while Neosho offers the complete AAS degrees.



## FOR MORE INFORMATION

417.680.3202 | [JoplinATTC@Crowder.edu](mailto:JoplinATTC@Crowder.edu)

[CROWDER.EDU](http://CROWDER.EDU)

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