

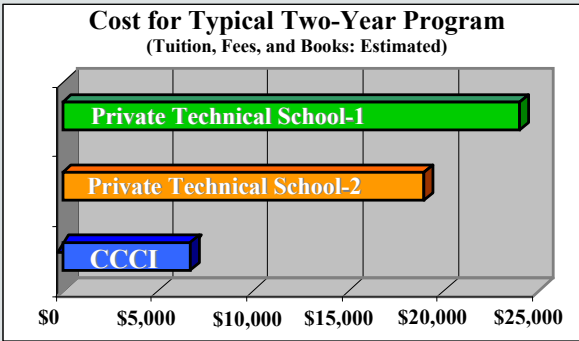


Crowder College's Career Institute is designed around community needs and is managed and staffed by experienced industry professionals to get **RESULTS**.

Our graduates are **finding jobs... in this area... for good pay.** All this at a great

VALUE!

You can complete your AAS degree at **Crowder** for an estimated cost of **\$7,300** for in-district students or **\$8,900** for in-state students. This compares to the cost of similar programs at private technical schools of over **\$19,000**, according to their own web sites!



Typical Careers *

Electrical
Repairers — Annually \$47,940
Ind. Equip Hourly \$ 23.05

Industrial
Machinery Annually \$43,550
Mechanic Hourly \$ 20.94

* Source—Bureau of Labor Statistics, State of Missouri

CROWDER COLLEGE / 601 LACLEDE / NEOSHO, MO 64850

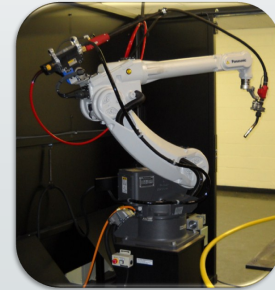
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Contact Us for More Information!



Crowder College Career Institute

Crowder College



**ADVANCED
MANUFACTURING
TECHNOLOGY
- ROBOTICS**

ASSOCIATE OF APPLIED SCIENCE DEGREE

Advanced Manufacturing Technology: Automation/Robotics Option

The Advanced Manufacturing Technology program prepares students for employment in industries with automated processes. Students will receive a well-rounded skill set that addresses the basic requirements of automated manufacturing. This particular option addresses automation and robotics as it applies to Advanced Manufacturing.

Basic Requirements for AAS 16 credit hours

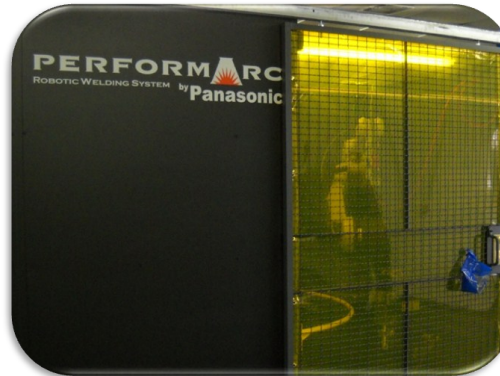
- ⇒ College Orientation — 1 hour
- ⇒ Written Communications (English) — 6 hours
- ⇒ Oral Communications (Speech) — 3 hours
- ⇒ Mathematics — 3 hours
- ⇒ Missouri Constitution — 3 hours

Advanced Manufacturing Core 19 credit hours

- ⇒ Introduction to Industrial Safety
- ⇒ Introduction to Industrial Electricity
- ⇒ Electrical Motor Controls
- ⇒ Programmable Controllers I
- ⇒ Mechanical Power Transmission
- ⇒ Industrial Hydraulics
- ⇒ Manufacturing Internship

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Support Courses 11 credit hours

- ⇒ Introduction to Engineering Drawing
- ⇒ Introduction to Welding
- ⇒ Computer Applications
- ⇒ Professional Development

Specialty Option 15 credit hours

- ⇒ Introduction to Automated Robotics
- ⇒ Programmable Controllers II
- ⇒ Automated Robotic Programming
- ⇒ Introduction to Electronics
- ⇒ Cisco I Networking

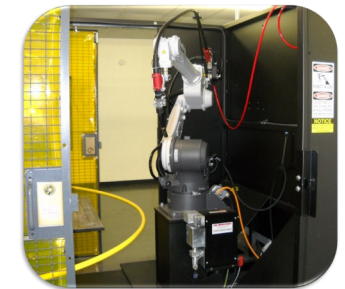
Are you an employer wanting trained employees, but don't have the time?

Crowder College works with industry advisory panels to make sure our programs/courses are a good fit with local needs resulting in more knowledgeable, productive workers. In addition to the traditional hands-on skills necessary to complete the various tasks, students also learn and practice OSHA safety standards, job-related ethics, and other invaluable "soft" skills so necessary in today's manufacturing world. By encouraging / enabling current employees to enroll in Crowder's programs, employers are making an investment not only in the students' future, but in their own as well.

COMING SOON: ADVANCED MANUFACTURING CERTIFICATE **

Automation/Robotics Technician Certificate 31 Credit Hours

- ⇒ College Orientation
- ⇒ Practical Communications
- ⇒ College Algebra or Technical Math
- ⇒ Introduction to Industrial Electricity
- ⇒ Electrical Motor Controls
- ⇒ Introduction to Electronics
- ⇒ Programmable Controllers
- ⇒ Introduction to Automated Robotics
- ⇒ Automated Robotic Programming
- ⇒ Programmable Controllers II
- ⇒ Hydraulics



** Financial aid approvals on this certificate are currently pending and they will not be available until late 2012.