

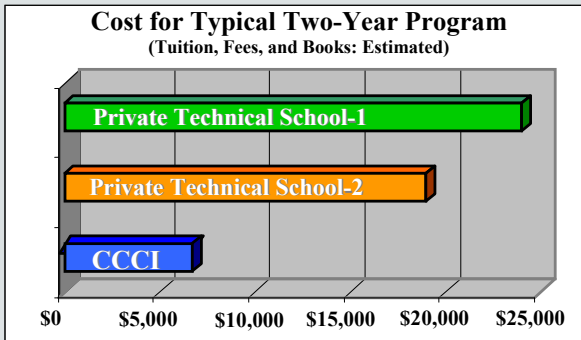


Crowder College's Career Institute is designed around community needs and is managed and staffed by experienced industry professionals to get **RESULTS**.

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

Industrial Machinery Mechanic Annually \$43,550  
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**



Crowder College Career Institute



**ADVANCED  
MANUFACTURING  
TECHNOLOGY**

# ASSOCIATE OF APPLIED SCIENCE DEGREE

## Advanced Manufacturing Technology: Maintenance 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 Industrial Maintenance as it applies to Advanced Manufacturing.

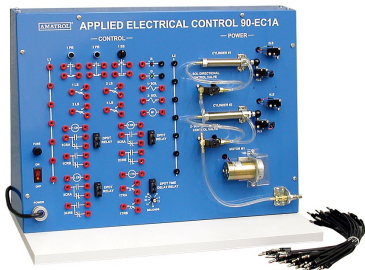
In addition to 16 credit hours of basic education requirements for an Associate of Applied Science Degree students must receive credits in the following areas:

### Advanced Manufacturing Courses

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

### Specialty Courses

- ⇒ Basic Machining
- ⇒ Plumbing I
- ⇒ Basic HVAC



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### Support Courses

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



### Approved Electives

- ⇒ Programmable Controllers II
- ⇒ Introduction to Electronics
- ⇒ Introduction to Networking
- ⇒ Gas Metal Arc Welding
- ⇒ Gas Tungsten Arc Welding
- ⇒ Shielded Metal Arc Welding
- ⇒ Any Technical or Business Division Course

### 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 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 CERTIFICATES \*\*

#### Industrial Maintenance Technician Certificate (26 Credit Hours)

- ⇒ College Orientation
- ⇒ Introduction to Industrial Safety
- ⇒ Introduction to Industrial Electricity
- ⇒ Electrical Motor Control
- ⇒ Programmable Controllers I
- ⇒ Computer Applications
- ⇒ Introduction to Welding
- ⇒ Introduction to Engineering Drawing
- ⇒ Six credit hours of approved electives

#### Industrial Electrical Technician Certificate (17 Credit Hours)

- ⇒ College Orientation
- ⇒ Introduction to Industrial Safety
- ⇒ Introduction to Industrial Electricity
- ⇒ Electrical Motor Controls
- ⇒ Programmable Controllers I
- ⇒ Programmable Controllers II
- ⇒ Computer Applications

\*\* Financial aid approvals on these certificates are currently pending and they will not be available until late 2012