

# INDUSTRIAL TECHNOLOGY

In the field of Industrial Technology, you repair, test, adjust, install or maintain electronic equipment such as industrial controls, transmitters and antennas. You also repair, install, adjust or maintain industrial production and processing machinery or refinery and pipeline distribution systems.

At MCC-Business & Technology, you will learn from industry professionals with decades of experience working in the field. You also train in state-of-the-art labs that help prepare you for a career in the industry.

## DEGREES

- A.A.S., Instrumentation and Controls: 71-76 credit hours
- A.A.S., Stationary Engineering, Critical Facilities: 68-73 credit hours
- A.A.S., Stationary Engineering: 65-70 credit hours
- A.A.S., Industrial Maintenance: 65-70 credit hours
- A.A.S., Industrial Electrical: 64-69 credit hours
- A.A.S., Industrial Millwright: 64-69 credit hours
- A.A.S., Multi-Craft: 64-69 credit hours
- A.A.S., Photovoltaics: 62-67 credit hours

## DEGREE REQUIREMENTS

For general education and degree requirements for each of these programs, visit [mcckc.edu/industrialtech](http://mcckc.edu/industrialtech).

## CERTIFICATES

- Industrial Technology Level I: 21-22 credit hours
- Photovoltaics: 31-33 credit hours
- Industrial Automation/Mechatronics Level II (PLC): 37-38 credit hours
- Industrial Stationary Engineering, Critical Facilities Level II: 40-41 credit hours
- Industrial Stationary Engineering Level II: 40-41 credit hours
- Industrial Electrical Level II: 41-42 credit hours
- Industrial Millwright Level II: 41-42 credit hours
- Industrial Maintenance Level II: 42-43 credit hours
- Instrumentation and Controls Level III: 54-55 credit hours
- Industrial Automation/Mechatronics Level III (PLC): 62-63 credit hours

## GETTING STARTED

Apply online at [mcckc.edu/getstarted](http://mcckc.edu/getstarted), or contact the program coordinator at 816.604.5217 for more information.



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& TECHNOLOGY

## THE PATHWAYS

### Industrial Maintenance Technology

**Related jobs:** Maintenance mechanic, industrial machinery mechanic, tool room machinist, machine repairman, maintenance specialist.

**Where you'll work:** Manufacturing companies, automotive industry, chemical production facilities, food processing plants.

**Salary:** \$36K-\$50K     **Projected job growth:** 8%-22%

### Stationary Engineering

**Related jobs:** Stationary engineer, boiler operator, boiler engineer.

**Where you'll work:** Factories, chemical companies, warehouses, hospitals, schools, office buildings, self-employed.

**Salary:** \$40K-\$60K     **Projected job growth:** 8%-22%

### Industrial Electrical Technology

**Related jobs:** Industrial electrician, instrument mechanic or technician, control technician, electronic mechanic.

**Where you'll work:** Manufacturing plants, power plants and satellite facilities, hospitals, service companies, chemical and research facilities, electrical construction.

**Salary:** \$50K+     **Projected growth:** 8%-22%

### Millwright

**Related jobs:** Millwright, maintenance mechanic, rigger.

**Where you'll work:** Manufacturing plants, power plants and satellite facilities, automotive industry, chemical production plants, food processing plants, self-employed.

**Salary:** \$40K-\$50K     **Projected growth:** 15%+

### Instrumentation and process controls

**Related jobs:** Instrument technician, control technician, electronics mechanic, instrumentation and controls technician.

**Where you'll work:** Processing industry, power plants, chemical industry, pharmaceutical industry, manufacturing industry, self-employed.

**Salary:** \$50K+     **Projected growth:** 8%+

### Apprenticeship

If you've completed an apprenticeship, you may be eligible to earn an associate's degree at MCC-Business & Technology in as few as two semesters. To view a complete list of fields in which you may receive college credit, visit [mccck.edu/apprenticeshipcredits](http://mccck.edu/apprenticeshipcredits) or call 816.604.5217.



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#BeMoreAtMCC

# BUSINESS LED APPRENTICESHIPS

## ABOUT THE PROGRAM:

The skills gap is real, and finding the right fit for in-demand roles is hitting your bottom line. MCC-Business & Technology has developed a modern apprenticeship program designed to meet the needs of your changing industry.

With our degree-seeking registered apprenticeship program, we can upskill your labor force, train new employees or help identify an untapped labor pool. With customized on-the-job training and accredited coursework, your employees will be equipped with the skills necessary for retained employment.

## PROGRAMS AVAILABLE INCLUDE:

- Industrial Maintenance and Repair
- Industrial Electrician Automation and Repair
- Precision Machining and Tool and Die
- Welding
- Building/Facilities Maintenance
- Engineering Technology
- Cisco Network Security
- Information Technology
- Client Relation Management
- Additional programs available upon request



ApprenticeshipUSA

For every dollar spent on an apprentice, employers see an average of \$1.47 in increased productivity\*.

\*Department of Labor, Office of Apprenticeships, 2017

For more information, email  
[apprenticeship.outreach@mccckc.edu](mailto:apprenticeship.outreach@mccckc.edu)

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BUSINESS &  
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## FOCUSED ON YOUR BUSINESS

Unlike a traditional four-year education, a modern apprenticeship is a competencies-based learning program allowing you to customize your employees' training while we take the guesswork out of managing the program. Because we handle all of the Department of Labor paperwork and requirements, you get to focus on employee success and make the most of your training program dollars.

- On-the-job training you customize
- Accredited coursework taught by skilled instructors
- Specialized training for the assigned mentor
- Quality, state-of-the-art training facilities and labs
- Approved testing facilities and free tutoring
- Easy cost structure and program management



## FOCUSED ON YOUR EMPLOYEE

A trained workforce benefits the entire industry. Investing in your employees can build a long-term relationship that translates to decreased turnover and increased efficiency and profit. Employees who complete our program receive:

- Certificate of a federally approved apprenticeship
- Associate in Applied Science degree
- Industry-related certifications and testing
- Minimum wage or better, with wage increases as their skills increase
- Debt-free college credits that are transferable to four-year institutions

- Upskill your labor force
- Improve productivity and profits
- Reduce turnover costs and increase employee retention
- Customize on-the-job training
- Define employee success

## Our easy management program meets Department of Labor requirements:

- 2,000 hours of on-the-job training per year with a mentor
- Five to seven related instructional courses per year at MCC
- Paid wages start at 60 percent of final wages or minimum wage (whichever is higher) and raise incrementally
- Train the Trainer program for mentors
- Yearly on-the-job site visits by an MCC instructor



## For more information

Contact MCC-Business & Technology today to design your Registered Apprenticeship Program at [apprenticeship.outreach@mckkc.edu](mailto:apprenticeship.outreach@mckkc.edu).