

KCC **INDUSTRIAL** **TRADES**

KCC's Industrial Trades programs include Manufacturing, Skilled Trades and Applied Technology



kellogg.edu/industrial

KCC's Manufacturing, Skilled Trades and Applied Technology programming is offered at KCC's Regional Manufacturing Technology Center (RMTC) campus, located in the Fort Custer Industrial Park in Battle Creek, MI, KCC's Eastern Academic Center (EAC) located in Albion, MI, Hastings High School (HHS), located in Hastings, MI, and at the Branch Area Careers Center (BACC), located in Coldwater, MI. KCC offers an innovative, nontraditional style of training incorporating competency-based modules, individualized instruction and self-paced learning. Modules are credit-based and can lead to a certificate or Associate in Applied Science degree.

KCC Programs Include

- Industrial Electricity & Electronics
- Industrial Heating, Ventilation, Air Conditioning and Refrigeration (HVAC-R)
- Industrial Machining Technology
- Industrial Pipefitting
- Industrial Technology
- Industrial Trades
- Industrial Welding
- Maintenance Technician
- Renewable Energy
- Skilled Trades

Industrial Technology Program

The Industrial Technology programming is offered at the RMTC and EAC locations and prepares students to install, maintain and repair manufacturing equipment found in a variety of industries (including but not limited to metal, plastics, automotive, medical, pharmaceutical and food processing).

Career Opportunities Include:

- Instrumentation and/or Electrical Technician
- Electro-Mechanical Technician • Mechanic
- Maintenance and Repair Workers • Machine Repair
- Millwright • Maintenance Mechanic
- Industrial Maintenance Technician

Industrial Electricity and Electronics Program

The Industrial Electricity and Electronics programming is offered at the RMTC, EAC and BACC locations and prepares students to install, maintain and repair electrical and electronic control systems. Computer programming, monitoring, and diagnostics and are an integral part of advanced manufacturing and renewable energy systems.

Career Opportunities Include:

- Electrician (residential, commercial, industrial)
- Electrical and Electronic Equipment Mechanic
- Electrical and Electronic Maintenance and Repair Workers
- Electrical Engineering Technician

Industrial Heating, Ventilation, Air Conditioning and Refrigeration Program

The Industrial HVAC-R programming is offered at the RMTC location and prepares students to install, maintain and repair residential, commercial, and industrial heating and air-conditioning systems and advanced refrigeration systems.

Career Opportunities Include:

- HVAC-R Specialist, Technician, Mechanic, Installer
- HVAC-R Service Manager

Industrial Machining Technology Program

The Industrial Machining Technology programming is offered at the RMTC and HHS locations and prepares students to make fixtures, dies, molds, and other parts which support the manufacturing industry including automotive, aerospace, medical supply, furniture, metals/ metal products, plastics, machinery and renewable energy.

Career Opportunities Include:

- Machinist/CNC Machinist • CNC Programmer
- Quality Technician • JIG, Fixture, Die, Pattern & Mold Makers
- Engineering Technician • Maintenance Mechanic

Industrial Pipefitting Program

The Industrial Pipefitting programming is offered at the RMTC location and prepares students to install, maintain and repair high- and low-pressure piping systems used in manufacturing, in the generation of electricity, and in the heating and cooling of buildings.

Career Opportunities Include:

- Plumbers, pipefitters, steamfitters • Welders, cutters, solderers, brazers

Industrial Welding Program

The Industrial Welding programming is offered at the RMTC, HHS, and EAC locations and prepares students to weld a variety of metals in various positions using stick, MIG and TIG processes.

Career Opportunities Include:

- Welders, Cutters, Solderers and Brazers • Welding Technician, Inspector • Robotic Welding Programmer

Renewable Energy Program

The Renewable Energy programming is offered at the RMTTC location and trains industrial electricians to install, monitor and maintain small-scale solar and wind energy systems in residential, commercial and industrial facilities.

Career Opportunities Include:

- Electrician • Energy auditor • Energy management technician • Solar energy installation manager
- Solar energy technician • Sustainability specialist
- Wind energy project manager

KCC's Innovative, Non-Traditional Format

KCC offers an innovative, nontraditional style of training incorporating competency-based modules, individualized instruction and self-paced learning. Modules are credit-based and can lead to a certificate or Associate in Applied Science degree.

- Modules are short, competency-based, credit-bearing courses, which accommodate accelerated training
- Credit granted for prior learning and work experience
- During the traditional semester, open entry/open exit training means students start training at any time and progress at their own pace
- Certificate & Associate in Applied Science credentials
- National credentials in ASQ, EPA, SME, CMfgT, MSSC, SACA

Scholarships

A variety of scholarships are available through the KCC Foundation and are based on financial need, academic achievement or special circumstances. Visit kellogg.edu/scholarships for more information.

Program Map

To view required courses and recommended sequences, visit kellogg.edu/program-maps.

Industrial Trades Contact

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Visit us online to learn more
kellogg.edu/industrial