Industrial Welding Program

Welding is the most common way of permanently joining metal parts. Through welding, heat is applied to metal pieces, melting and fusing them to form a permanent bond. There are a variety of welding processes including stick, MIG and TIG. The Industrial Welding Program at Kellogg Community College prepares students to weld a variety of metals in various positions using each of these processes.

CAREER OPPORTUNITIES INCLUDE:
- Welders, Cutters, Solderers, and Brazers
- Welding, Soldering, Brazing Machine Setters, Operators, Tenders
- Welding Technician
- Welding Inspector
- Robotic Welding Programmer

For more information about our graduation rates, the median debt of students who completed the Industrial Welding Certificate program, and other important information, please go to www.kellogg.edu/academic/Gedt_welding.html

Go to www.kellogg.edu/industrial for more information about Industrial Trades career options and KCC courses.

Innovative Training in a Non-Traditional Format

- Modules are short, competency-based, credit-bearing courses, which accommodate accelerated training.
- Credit granted for prior learning and work experience.
- Open entry/open exit training means students may start training at any time and go at their own pace.
- Certificate and Associate in Applied Science credentials available.
- National credentials also available in AWS, ASQ, SME CmfgT, NIMS, MSSC.

CONTACTS
Kellogg Community College
Regional Manufacturing Technology Center
405 Hill Brady Road
Battle Creek, MI 49037

Industrial Trades Program
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For more information on regional employment levels, occupational descriptions, and wages, visit ONET online at www.onetonline.org, or talk with the program instructor during the program orientation.
Industrial Electricity and Electronics Program

Complex electrical and electronic control systems which require sophisticated computer programming, monitoring, and diagnostics are an integral part of advanced manufacturing and renewable energy systems. The Industrial Electricity and Electronics Program at Kellogg Community College prepares students to install, maintain, and repair these systems.

CAREER OPPORTUNITIES INCLUDE:
- Electrician (residential, commercial, industrial)
- Instrumentation and/or Electrical Technician
- Control Technician
- Electrical and Electronic Equipment Mechanic
- Electrical and Electronic Installation, Maintenance and Repair Workers
- Electrical Engineering Technician

For more information about our graduation rates, the median debt of students who completed the Industrial Electricity and Electronics Certificate program, and other important information, please go to www.kellogg.edu/academic/Gedt_IndElec.html.

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Industrial Heating, Ventilation, Air Conditioning and Refrigeration Program

Heating and air-conditioning systems control the temperature, humidity, and the total air quality in residential, commercial, industrial, and other buildings while refrigeration systems make it possible to store perishable items. The Industrial Heating, Ventilation, Air Conditioning and Refrigeration (HVAC-R) Program at Kellogg Community College prepares students to install, maintain, and repair these systems.

CAREER OPPORTUNITIES INCLUDE:
- HVAC-R Specialist
- HVAC-R Technician
- HVAC-R Mechanic
- HVAC-R Installer
- HVAC-R Service Manager
- Mechanical Engineering Technicians

For more information about our graduation rates, the median debt of students who completed the Industrial Heating, Ventilation, Air Conditioning and Refrigeration Certificate program, and other important information, please go to www.kellogg.edu/academic/Gedt_HVACR.html.

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Industrial Machining Technology Program

Nearly every sector of the manufacturing industry is dependent upon people with specialized machining technology training including automotive, aerospace, medical supply, furniture, metals/metal products, plastics, machinery, and even the newly developing renewable energy sector. These people work with designers to make fixtures, dies, molds and other parts which support the manufacturing process. The Industrial Machining Technology Program at Kellogg Community College prepares students to make these parts.

CAREER OPPORTUNITIES INCLUDE:
- Machinist/CNC Machinist
- CNC Programmer
- Quality Technician
- Jig, Fixture, Die, Pattern and Mold Makers
- Engineering Technician
- Maintenance Mechanic
- Drafting (CAD/CAM) Design Technicians

For more information about our graduation rates, the median debt of students who completed the Industrial Machining Technology Certificate program, and other important information, please go to www.kellogg.edu/academic/Gedt_IndMachTech.html.

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Industrial Pipefitting Program

High-pressure and low-pressure piping systems are used in manufacturing, in the generation of electricity, and in the heating and cooling of buildings. Many of these systems are regulated by automatic controls, which may be accessed remotely. The Industrial Pipefitting Program at Kellogg Community College prepares students to install, maintain, and repair these systems.

CAREER OPPORTUNITIES INCLUDE:
- Plumbers, pipefitters, steamfitters
- Welders, cutters, solderers, brazers
- Mechanical Engineering Technicians

For more information about our graduation rates, the median debt of students who completed the Industrial Pipefitting Certificate program, and other important information, please go to www.kellogg.edu/academic/Gedt_Pipefitting.html.