CONTACT
For more information about the Industrial Technology Program at Kellogg Community College, please contact:

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Regional Manufacturing Technology Center
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Regional Manufacturing Technology Center

Industrial Technology Program

The Industrial Technology Program will prepare people 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). Graduates will have career pathways for continuing education in Manufacturing Engineering, Industrial Engineering Technology or Business Administration with a concentration in manufacturing.

EMPLOYMENT OPPORTUNITIES
Occupations in Industrial Technology include Electro-Mechanical Technicians, Industrial Machinery Mechanics, Machinery Maintenance Workers, Industrial Engineering Technicians, Industrial Technicians, and Industrial Technologists.

For current local and regional job trends and wages, talk with the program instructor during the initial consultation.

Career opportunities include:
- Instrumentation and/or Electrical Technician
- Electro-Mechanical Technician
- Control Technician
- Electrical and Electronic Equipment Mechanic
- Electrical and Electronic Installation

- Maintenance and Repair Workers
- Electrical Engineering Technician

With further education, opportunities include:
- Production Supervisor
- Maintenance Supervisor
- Quality Control Engineer
- Manufacturing/Process Engineer

PROGRAM OPTIONS
Kellogg Community College offers three program options:
- Industrial Trades Certificate in Industrial Technology (30 credits)
- Industrial Technology Associate in Applied Science (62 credits)
- Skilled Trades Associate in Applied Science for Journeyman or USDOL Apprenticeship card holders (approximately 35 credits)

RECOMMENDED TECHNICAL ELECTIVES
Electricity Electronics, Machine Tool, Welding

COURSE WORK
The course work within the Industrial Technology Program provides hands-on learning opportunities using real-world equipment. Courses are modular with some portions of the modules available for online completion. Modules are pass/fail, which means a student can continue to work on the module until they pass the module. Students receive one-on-one instruction from a journeyman instructor.

Topics covered in Industrial Technology modules include:
- Mathematics
- Applied Science and Materials
- Product Design Elements
- Standards and Regulations
- Process Applications and Operations
- Electro-Mechanical Devices, Equipment and Safety
- Programming and Controls
- Maintenance Systems Design and Development
- Quality and Lean Manufacturing

ASSESSMENT AND CERTIFICATIONS
Certification opportunities in Industrial Technology include:
- Manufacturing Skills Standards Council Certified Production Technician
  - Safety
  - Quality
  - Manufacturing Processes
  - Quality
- American Society for Quality
  - Quality Inspector
  - Quality Process Analyst
  - Quality Improvement Associate
- Society of Manufacturing Engineering
  - Certified Manufacturing Technologist

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at www.kellogg.edu/academics/gainful.asp.