The Manufacturing Technology Program at Daley College prepares students to become highly skilled technicians and go on to careers in computer-integrated manufacturing, robotics, welding and factory automation. The program at Daley College combines traditional learning with hands-on training using state of the art equipment.

Students learn:

- To program, set up and operate computerized machine tools to produce parts to tolerances measured in millionths of an inch.
- The fundamentals of robotics, electricity, and electronics.
- To setup and repair the high-tech components used in complex medical instruments, aircraft, locomotives, wind turbines, and the "smart electrical grid."
- MIG, TIG, and robotic welding. Students can earn two American Welding Society credentials, as well as the Manufacturing Skills Standards Council Certificate in Manufacturing Processes and Production.
- Modern methods of organizing production, including teamwork and “lean manufacturing” to create shop floor leaders.

Manufacturing Technology Degree and Certificate Programs

- Basic Certificate in Welding
  - 16 credit hours
- Basic Certificate in CNC Machining
  - 19 credit hours
- Basic Certificate in Quality Assurance
  - 16 credit hours
- Basic Certificate in Factory Automation
  - 26 credit hours
- Advanced Certificate in CNC Machining
  - 37 credit hours
- Advanced Certificate in Factory Automation
  - 38 credit hours
- Associates of Applied Science in Manufacturing Technology
  - 62 credit hours

Companies can partner with Daley College by:

- Posting job opportunities on Daley College Career Network (online job bank) at no cost
- Assisting with curriculum review and development to ensure curricula is relevant
- Offering apprenticeship programs to students
- Interviewing graduates for employment opportunities
- Upgrading your current employees’ skills in any of our specialized workplace training programs

A NIMS Accredited Program