

MANUFACTURING TECHNOLOGY

Is Manufacturing Technology for me?

The field is for you if you

- Have an interest in the new world of manufacturing, which has many well-paid career opportunities.
- Want a job that is clean, high-tech and very rewarding.
- Are interested in a challenging technology-focused career.

What skills will I need for this field?

You will need to have...

- An interest in technology.

What is the work atmosphere like?

The workplace in manufacturing is a varied as the opportunities. A wide variety of options exist, from metal processing to chip fabrication..

What are my degree options?

Certificates

Automated Manufacturing Systems
Computer-Aided Design
Drafting and Design
Manufacturing Technology
Mold Making
Tool and Die Making
Welding

Associate's Degree

Associate in Applied Science (AAS)

Bachelor's Degree

Bachelor's degrees are available by transferring to four-year colleges and universities.

What are my career opportunities?

Manufacturing Engineering Technology prepares students for entry-level engineering technician positions in manufacturing. Automated Manufacturing prepares students for careers in computer-aided manufacturing, robotics and numerical control. The Drafting and Design option prepares students for careers in the drafting and computer-aided design areas. Manufacturing Technology provides a broad background in the areas of machining, drafting and fluid systems to prepare students for entry-level positions as machine operators, machine maintenance personnel and quality control personnel.

What can I do with these degrees?

If you have completed ...

High School Diploma

Apprenticeship program for occupations such as Tool and Die Maker, Industrial Electrician, and Industrial Maintenance Mechanic

Certificate

CNC Entry Level Programmer, Machine Tool Set-up Operator, Machinist

Associate in Applied Science Degree

CAD Designer, CNC Programmer, Manufacturing Technologist, Tool and Production Planner, Welder

Bachelor's Degree

Careers in the areas of managing, planning and supervision in various manufacturing industries

How can I prepare now?

Recommended courses ...

Math

Three years of coursework, with selected courses in algebra and geometry.

Science

Three years of coursework, with select courses in chemistry and physics.

Communications

Four years of coursework, with select courses in reading/writing, speaking/listening, and literature.

Technical Preparation

Two years of coursework and enrollment in state approved Plan for Industrial Technology Education Program.

What about my articulated credit?

Check with your high school coordinator to see if you are eligible for articulated credit at College of DuPage.

What should I take my in my first semester at C.O.D.?

See catalog or an advisor for more information.

Whom can I talk to for more information?

Natural Sciences Division
(630)-942-2010

For more information on the Associate in Applied Science Degree curriculum, see your program coordinator or go to www.cod.edu.