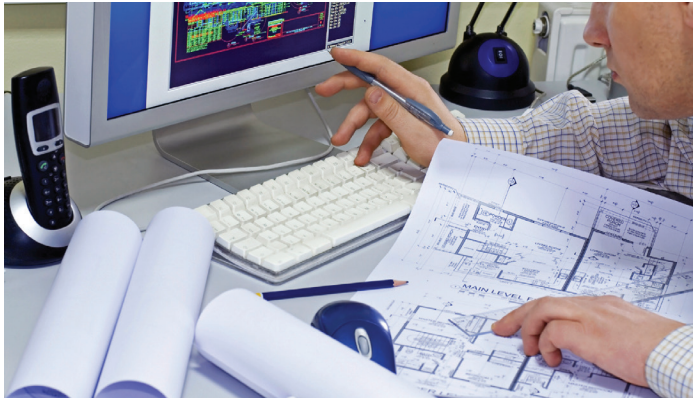


Mechanical and Computer Drafting

PROGRAM CODE: 31-421-2



Technical Diploma



COURSE	CREDITS
CIVIL-102 Introduction to AutoCAD	2
CIVIL-105 Computer Applications	2
MCDESG-102 Technical Drafting 1 ‡	3
MCDESG-162 Engineering Materials.....	2
MATH-115 College Technical Mathematics 1 ‡	5
MCDESG-104 Technical Drafting 2 With CAD ‡.....	3
MCDESG-114 SolidWorks 1	2
MCDESG-106 Advanced Engineering Graphics ‡	3
MCDESG-124 SolidWorks 2 ‡	2
MCDESG-163 Machining Processes ‡.....	2

Location: Downtown Milwaukee Campus

Start Dates: August

Admission Requirement: High school diploma or GED and one year of high school-level algebra or equivalent

Financial Aid Eligible: Yes.

Apply at fafsa.gov. Use School Code 003866.

CREDITS

Total credits needed to complete this diploma

26

‡ Prerequisite required.

Program curriculum requirements are subject to change.

Current MATC students should consult their Academic Program Plan for specific curriculum requirements.

Program Description

This program prepares you to be a detail drafter in the mechanical drafting field. For a new product to become reality, it must exist in the mind of the engineer, designer or drafter; then it is the detail drafter, working from design layouts, sketches and handbooks, who creates working drawings that aid in manufacturing the product.

Career Outlook

The employment outlook is favorable for mechanical drafters with current training in computer-aided design and drafting (CADD) systems.

Program Learning Outcomes

- Prepare detail and assembly drawings for documentation of mechanical components and products.
- Create CAD geometry, parts and assemblies.
- Design mechanical components and products.
- Select purchased parts.



Complete Program Details

QUESTIONS? 414-297-8901 or mctpathway@matc.edu