

# Precision Machining and CNC Technology - Diploma

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West Burlington Campus, and select courses available at the Keokuk Campus

## Program Information

This diploma would provide the next skill set needed to advance in a machine shop manufacturing environment with the additional skills. Manual Machining, Introduction to CNC / Cam software, GD&T, 3D Modeling, & Continuous Quality Management courses.

Please [view the technical-standards](#) for this course.

## Instructor and Staff

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### **Program Requirements**

Fall Semester I		Credit
CAD-101	Introduction to CAD	3
DRF-113	Fundamentals of Technical Drafting	3
MAT-702	Introduction to Math Applications	3
MFG-212	Basic Machine Theory	3
MFG-398	Introduction to Machine Shop	3
SOC-114	Conflict Resolution in the Workplace	3
Semester Total.....		18

Spring Semester I		Credit
MFG-142	Geometric Dimensioning Tolerancing	3
CAD-277	3-D Dimensional (3-D) Modeling I	3
EGT-116	Continuous Quality Management	3
MFG-206	Manufacturing Processes I	3
MFG-237	Introduction to Machine Trades	3
Semester Total.....		15
Program Total.....		33