

Precision Machining and CNC Technology - Diploma

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