

PRECISION MACHINE TECHNOLOGY C.A.S.

The Precision Machine Technology Certificate of Applied Science program provides instruction in the theory and operation of mills and lathes, both manual and CNC, other tools related to the machinist trade, and associated programming. Students can earn NIMS credentials in all phases of the training. Upon completion of this program, students will enter employment in the machining industry, pursue apprenticeship in machining, or further their education toward higher academic degrees.

Certificate of Applied Science - Precision Machine Technology

Missoula College

Degree Specific Credits: 35

Required Cumulative GPA: 2.0

Catalog Year: 2018-2019

Summary

| Code | Title | Hours |
|------------------|-------|-------|
| Required Courses | | 35 |
| Total Hours | | 35 |

Required Courses

| Code | Title | Hours |
|---|--|-------|
| Complete all of the following courses: | | |
| DDSN 135 | Solidworks | 3 |
| MCH 101 | Introduction to Manufacturing Processes | 1 |
| MCH 102 | Introduction to Manufacturing Materials | 2 |
| MCH 120 | Blueprint Reading & Interpretation for Machining | 3 |
| MCH 122 | Introduction to CAM | 3 |
| MCH 125 | Introduction to CNC Lathes | 3 |
| MCH 127 | Introduction to CNC Mills | 3 |
| MCH 129 | Machine Quality Control and Precision Measurements | 3 |
| MCH 130 | Machine Shop | 3 |
| MCH 132 | Introduction to Manual Engine Lathes | 4 |
| MCH 134 | Introduction to Manual Mills | 4 |
| WRIT 121 | Intro to Technical Writing | 3 |
| Total Hours | | 35 |

Minimum Required Grade: C-