

Academic Pathway
Manual Machining
 Certificate of Applied Science
Academic & Career Pathway: Industry and Trades

Student:

Advisor:

| Course/Semester (Prefix, Number and Title) | Credits | Fall/Spring Only | Milestone Course | Notes | Completed |
|--|---------|------------------|------------------|---|-----------|
| Semester 1 | | | | | |
| M111T Technical Mathematics | 3 | Fall Only | | | |
| MCH 130 Machine Shop | 3 | Fall Only | x | | |
| MCH 132 Introduction to Engine Lathes | 5 | Fall Only | x | | |
| MCH 134 Introduction to Mills | 5 | Fall Only | x | | |
| MCH 240 Metallurgy | 2 | Fall Only | | | |
| Semester 2 | | | | | |
| MCH 136 Advanced Lathes | 5 | Spring Only | | Prerequisite: MCH 130, MCH132, and MCH134 | |
| MCH 137 Advanced Mills | 5 | Spring Only | | Prerequisite: MCH 130, MCH132, and MCH134 | |
| MCH 139 Grinding | 2 | Spring Only | | Prerequisite: MCH 130, MCH132, and MCH134 | |
| MCH 245 Shop Practices | 2 | Spring Only | | Prerequisite: MCH 130, MCH132, and MCH134 | |
| DDSN 135 Solidworks 1 | 2 | Spring Only | | | |
| WRIT121T Introduction to Technical Writing | 3 | Spring Only | | | |
| COMX106 Communicating in a Dynamic Workplace | 2 | | | | |

****Students must earn a C- or better in order to successfully complete a course.***