| Associate of Applied Science – 71 Credits<br>Computer Aided Manufacturing | | |
|---|---|---|
| Name: | Date of Entry: | Advisor: |
| Dual Major With: | Academic Plan Advisor: | |
| Transferred From: | | |
| Credit Hours Transferred In: | | |

| Course # | Course Title | CR | Pre - Requisites | SEM | Grade | Comments |
|---|---|---|---|---|---|---|
| **1st Semester – 18 Credits** | | | | | | |
| MCH 120 | Blueprint Read and Interp | 2 | MCH130 (Co-req) | | | |
| MCH 130 | Machine Shop | 3 | | | | |
| MCH 132 | Intro to Engine Lathes | 5 | | | | |
| MCH 134 | Intro to Mills | 5 | MCH130 (Co-req) | | | |
| M111T | Technical Math | 3 | MCH 130 (Co-req) | | | |
| *(COMX 106 if only completing the CAS) | | | | | | |
| **2nd Semester – 19 Credits** | | | | | | |
| MCH 136 | Advanced Lathes | 5 | MCH 132 | | | |
| MCH 137 | Advanced Mills | 5 | MCH 132 | | | |
| MCH 139 | Grinding Applications | 2 | | | | |
| MCH 240 | Metallurgy | 2 | MCH 130 | | | |
| MCH 245 | Shop Practices 2 | 2 | MCH 120, 130, 132, and 134 | | | |
| WRIT 121T | Intro to Tech Writing | 3 | Placement or WRIT 095 | | | |
| **3rd Semester – 16 Credits**<br>**Completion of the first year (first and second semester) is the pre-requisite for the second year.** | | | | | | |
| MCH 230 | Tooling and Fixtures in CNC | 2 | | | | |
| MCH 231 | CNC Turn Operations Level 1 | 4 | MCH 230 (Co-req)<br>MCH 136 (Pre-req) | | | |
| MCH 232 | CNC Turn Program Opera 2 | 3 | MCH 231 (Co-req) | | | |
| MCH 234 | Milling Operations Level 1 | 4 | MCH 230 (Co-req)<br>MCH 137 | | | |
| MCH 235 | CNC Millings Programming Operations | 3 | MCH 234 (Co-req) | | | |
| **4th Semester – 18 Credits** | | | | | | |
| MCH 233 | CNC Turning Programming Operations 3 | 3 | MCH231 and MCH232 | | | |
| MCH 236 | CNC Milling Programming Operations 3 | 3 | | | | |
| MCH 237 | CAD/CAM CNC Turning Center | 5 | MCH233 (Co-req) | | | |
| MCH 238 | CAD/CAM CNC Machining Center 5 | 5 | MCH236 (Co-req) | | | |
| COMX 106 | Communicating in a Dynamic Workplace | 2 | | | | |
| **Developmental Coursework:** | | | | | | |
| | | | | | | |

** Students should take HR in their fall semester if they are not completely sure if they are getting a CAS or an AAS so that all of their general education requirements are completed within the first year.