**Minnesota State**
Community and Technical College

# MCDD2254 - Computer Numerical Control

| | |
|---|---|
| Credits: | 2 (1/1/0) |
| Description: | This course develops the student's knowledge of computer numerical control components, machines, and basic programming codes and functions. |
| Prerequisites: | • CADD1000 |
| Corequisites: | |
| Pre/Corequisites*: | |
| Competencies: | 1. Interpret machine movements in the X, Y and Z planes.<br>2. Analyze point-to-point and continuous path programming.<br>3. Utilize incremental and absolute programming modes.<br>4. Write linear interpolation programs for part toolpathing,<br>5. Write circular interpolation programs for part toolpathing,<br>6. Utilize virtual numerical control software to analyze programs for functionality. |
| MnTC goal areas: | None |

*Can be taking as a Prerequisite or Corequisite.