## MCDD2248 - CNC Application

Credits:	3 (1/2/0)
Description:	The objective of this course is to develop the student's knowledge of computer numerical control components and basic programming codes.
Prerequisites:	• CADD1114 • MCDD1106
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol> <li>Interpret machine movements in the XYZ planes.</li> <li>Analyze point-to-point programming.</li> <li>Analyze continuous path programming.</li> <li>Utilize incremental programming modes.</li> <li>Utilize absolute programming modes.</li> <li>Write comprehensive linear interpolation programs for part toolpathing.</li> <li>Write comprehensive circular interpolation programs for part toolpathing.</li> <li>Utilize CAD/CAM software to generate part toolpathing.</li> <li>Utilize virtual computer numerical control environment to analyze programs for functionality.</li> </ol>
MnTC goal areas:	None

\**Can be taking as a Prerequisite or Corequisite.*