

MCDD2230 - 3D Printing and Prototyping

Credits:	2 (1/1/0)
Description:	This course covers the basic concepts of rapid prototyping for manufacturing utilizing three-dimensional printers and scanning equipment.
Prerequisites:	<ul style="list-style-type: none">• CADD1400 OR <ul style="list-style-type: none">• CADD1410 OR <ul style="list-style-type: none">• CADD2120
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none">1. Calculate scale factors for printed models.2. Generate solid model geometry for printing.3. Perform build box geometry manipulations.4. Demonstrate the steps required for machine setup.5. Demonstrate proper procedures for removing completed models from machines.6. Demonstrate proper techniques for machine maintenance.
MnTC goal areas:	None

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