

## Course Outline for MCDD2230 — 3D Printing and Prototyping

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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: CADD1114

Corequisites: (None)

Competencies:

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 the machines.
6. Demonstrate proper techniques for machine maintenance.

Goal Areas: (None)