

Lake Superior College

INMG 1450: Prototyping Processes

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 2

Lab Hours/Week: 2

OJT Hours/Week: *.*

Prerequisites:

CADE 1450 - Mechanical Details

Corequisites: None

MnTC Goals: None

This course will involve building a complete prototype using various cutting edge processes used in industry today and the skills learned throughout the Integrated Manufacturing Technology, Rapid Prototyping and Design program. (Prerequisites: CADE1450, college-level reading and writing, or concurrent enrollment, or instructor's consent) (2 hrs lec/2 hrs lab/0 hrs OJT)

B. COURSE EFFECTIVE DATES: 08/26/2013 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. setup and operate various prototyping equipment
2. make simple changes in models to achieve a working product
3. select proper processes used for the prototype
4. test product and make any revisions
5. present working finished product

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted