

# 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