

# Lake Superior College

## INMG 1400: Introduction to Manufacturing Technology

### A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 2

Lab Hours/Week: 4

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course covers the beginning introduction use of tools used in manufacturing such as saws, drill press, engine lathes, milling machines and welding machines. (Prerequisites: None) (2 hrs lec/4 hrs lab/0 hrs OJT)

**B. COURSE EFFECTIVE DATES:** 08/29/2006 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. demonstrate the proper use of various saws
2. use basic safety skill in using machine tool
3. calculate & set RPMs
4. use four-jaw chuck
5. turn between centers
6. drill & bore holes
7. cut tapers
8. use edge finder
9. square work piece

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted