

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