A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: \(*.*\)
Lab Hours/Week: 6
OJT Hours/Week: \(*.*\)

Prerequisites:
This course requires either of these prerequisites
   MACH 1530 - Turning I (Number of Years Valid: 5)
   MACH 1619 - Turning I

Corequisites: MACH 1627 and MACH 1628 and MACH 1627 and MACH 1628

MnTC Goals: None

This course is an extension of MACH1530.

B. COURSE EFFECTIVE DATES: 12/12/1997 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Demonstrate proper shop safety using turning machines.
2. Display proper advanced turning set up techniques.
3. Demonstrate proper advanced turning processes.
4. Demonstrate proper usage of turning tools.
5. Apply blueprint reading skills to advanced turning projects.
6. Perform proper maintenance on turning machines.
7. Perform inspection of machined part during turning process.
8. Demonstrate advanced effective problem solving skills.

D. LEARNING OUTCOMES (General)

1. The learner will demonstrate proper use of Lathes using advanced setup techniques and safety.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted