MACH 1628: Grinding II

A. COURSE DESCRIPTION
   Credits: 3
   Lecture Hours/Week: *.*
   Lab Hours/Week: 6
   OJT Hours/Week: *.*
   Prerequisites:
   This course requires either of these prerequisites
   MACH 1621 - Grinding I
   MACH 1550 - Grinding I (Number of Years Valid: 5)
   Corequisites: MACH 1626 and MACH 1627 and MACH 1626 and MACH 1627
   MnTC Goals: None
   This course is an extension of MACH1550.

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

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

D. LEARNING OUTCOMES (General)
   1. The learner will demonstrate proper use of surface grinder 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