MACH 2617: Introduction to CAD

A. COURSE DESCRIPTION
   Credits: 1
   Lecture Hours/Week: *.*
   Lab Hours/Week: 2
   OJT Hours/Week: *.*
   Prerequisites: This course requires the following prerequisite
                  MACH 1625 - Blueprint Reading/Geometric Tolerancing II (Number of Years Valid: 5)
   Corequisites: None
   MnTC Goals: None
   This course teaches the basic principles of Computer Aided Design (CAD). Topics include principles of
   lines, circles, arcs, and splints. Prerequisite: MACH1625.

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

C. OUTLINE OF MAJOR CONTENT AREAS
   1. Identify the purpose of CAD in machining.
   2. Create 3D designs using CAD software.
   3. Create and modify blueprints using CAD software.

D. LEARNING OUTCOMES (General)
   1. The learner will will demonstrate knowledge in the basic principles of CAD.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted