MACH 2639: Mold Theory

A. COURSE DESCRIPTION
   Credits: 2
   Lecture Hours/Week: 2
   Lab Hours/Week: *.*
   OJT Hours/Week: *.*
   Prerequisites:
   This course requires the following prerequisite
   MACH 2634 - CNC Machining Operations I (Number of Years Valid: 5)
   Corequisites: MACH 2641
   MnTC Goals: None
   Learners study principles and develop skills in basic moldmaking construction. Learners identify various types of plastic, mold, and component equipment. Prerequisite: MACH2634.

B. COURSE EFFECTIVE DATES: 08/25/2003 - Present

C. OUTLINE OF MAJOR CONTENT AREAS
   1. Learn and demonstrate proper mold blueprint reading skills.
   2. Learn and discuss different molding processes.
   3. Identify different types of plastic materials.
   4. Learn about different mold making techniques.
   5. Research and explain different manufacturing processes that use mold making principles.

D. LEARNING OUTCOMES (General)
   1. The learner will exhibit an understanding of mold design and plastics.
   2. The learner will exhibit an understanding of basic moldmaking principles.

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

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted