Bemidji State University

TADT 1460: 2D Graphics And Laser Etching

A. COURSE DESCRIPTION

   Credits: 3
   Lecture Hours/Week: *.*
   Lab Hours/Week: *.*
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None

   An introduction to the principles and practices of technical drawing. The course provides a working familiarity with computer-aided design and drafting through the study of multi-view, pictorial drawing systems, and their applications to laser etching.

B. COURSE EFFECTIVE DATES: 08/25/2014 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

   1. Mechanical Drawing
   2. Residential Drawing

D. LEARNING OUTCOMES (General)

   1. interpret basic engineering and design graphics: drawings, symbols, and terminology
   2. describe a variety of technical graphics applications
   3. apply the basic principles of orthographic projection
   4. communicate design concepts through technical sketches and working drawings
   5. create basic multi-view and pictorial drawings according to standard practices
   6. demonstrate a working familiarity with CAD software

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

   None

F. LEARNER OUTCOMES ASSESSMENT

   As noted on course syllabus

G. SPECIAL INFORMATION

   None noted