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