MEDR 1617: Computer Assisted Drafting 2-D

A. COURSE DESCRIPTION

   Credits: 3
   Lecture Hours/Week: 2
   Lab Hours/Week: 1
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None

   This course is an introduction to AutoCAD software used in engineering and drafting. Learners create and edit drawings using the software. This course covers the basic commands used with the computer assisted drafting software.

B. COURSE EFFECTIVE DATES: 04/29/2022 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

   1. Create and utilize a template drawing
   2. Create a title block and border
   3. Identify and utilize draw panel commands.
   4. Identify and utilize modify panel commands
   5. Identify and utilize annotate ribbon commands
   6. Identify and utilize insert ribbon commands
   7. Use navigation bar commands
   8. Create layers and layer properties
   9. Utilize the status toolbar and command prompt

D. LEARNING OUTCOMES (General)

   1. Exhibit knowledge of entity creation using computer assisted drafting software.
   2. Exhibit knowledge of entity manipulation using computer assisted drafting software.
   3. Demonstrate an understanding of dimensioning procedures using computer assisted drafting 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