MEDR 1615: Computer Assisted Drafting 2-D

A. COURSE DESCRIPTION

Credits: 4
Lecture Hours/Week: 2
Lab Hours/Week: 2
OJT Hours/Week: *
Prerequisites: None
Corequisites: None
MnTC Goals: None

This course is an introduction to the AutoCAD software used in the field of engineering and drafting. Learners create and edit drawings using the software. This course covers the basic commands used with the computer assisted drafting software. The learner uses state-of-the-art computers and software to gain an understanding of these commands.

B. COURSE EFFECTIVE DATES: 05/17/1999 - 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 the navigation bar commands.
8. Create layers and layer properties.
9. Utilize the status toolbar and command prompt.

D. LEARNING OUTCOMES (General)

1. The learner will exhibit knowledge of entity creation using computer assisted drafting software.
2. The learner will exhibit knowledge of entity manipulation using computer assisted drafting software.
3. The learner will 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