CIV 203 – AutoCAD

Current Catalog Description: An introduction to AutoCAD with applications in Civil Engineering and related fields.

Prerequisite: CIV Major

Corequisite: None

Textbooks and/or Other Required Material: None

This course is: Required

Topics Covered:

1. Starting AutoCad/ Application Windows / Drawing Objects
   a. Application Menu
   b. Lines with & without Ortho
2. Layers & Linestypes / Zooming & Planning
3. Drawing and Modifying Objects
4. Object Selection, Grips & Properties / Modify Commands
5. Hatching
6. Dimensioning & Leaders
7. Isometrics
   a. Isometric Snap
   b. Switching Isoplanes
   c. Isoplane Diagram PDF
8. Blocks & Symbol Libraries
9. Viewports / Printing and Plotting

Course Learning and Student Outcomes:

Course Learning Objectives	ABET Student Outcomes
Use AutoCAD to create engineering drawings	2, 7

Prepared by: Greg Tarquinio (2020)