



AutoCAD Advanced

This course builds on the concepts taught in AutoCAD Essentials, introducing advanced techniques to help students be proficient in their use of AutoCAD. Students will learn how to recognize the best tool for the task, the best way to use that tool, and how to create new tools to accomplish tasks more efficiently. At the completion of this course, students will understand how to: create and manipulate advanced 2D geometry; create and view 3D objects; create drawing templates; work with annotation scaling; manipulate dimensions and dimension styles; create custom Tool Palettes; use Sheet Set Manager to publish sets of drawings; create tables, block attributes, as well as dynamic blocks. This course is excellent for those looking to improve their AutoCAD drafting and modeling skills and extend their CAD Management techniques.

Duration

2 Days

Typical Schedule

This class starts each day at 9:00 am and ends at 4:00 pm.

Prerequisites

Must have previously completed the AutoCAD Essentials course or have demonstrated equivalent knowledge. Students should also be comfortable working in a Microsoft Windows environment.

Topics Covered

- **Day 1**
- Custom Objects
 - Working with multi-lines, revision clouds, wipeouts, boundaries, and regions
 - Creating Drawing Templates
 - Working with Annotation Scaling
 - Using Multileaders
 - Working with Dimension Sub-styles and Overrides
- Custom Settings
- Working with Layer Tools: Layer Filters, Layer States Manager, and Layer Standards
- Using DesignCenter
- Creating Custom Tool Palettes
- Managing External References
- Working with Blocks and Attributes
- Creating and Editing Dynamic Blocks
- Working with tables
- **Day 2**
- Layouts and Plotting
 - Using Plot Style Tables
 - Using Page Setups
 - Publishing Drawings
 - Creating Sheet Sets

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