

## AutoCAD and AutoCAD LT Advanced – 16.0 Hours

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### Course Description

#### Summary

AutoCAD Advanced takes a more in depth look at specific tools that increase productivity. For example, users will learn how to integrate attributes into blocks as well as learn how to create and use their own template. Additionally, users will also be given the opportunity to learn about features like the Sheet Set Manager, which is a topic not previously covered in earlier sessions.

#### Topics and Schedule

##### Dynamic Blocks

- Inserting and Modifying Dynamic Blocks
- Creating Basic Dynamic Blocks

##### Understanding Attributed Blocks

- Inserting Blocks with Attributes
- Editing Attribute Values
- Defining Attributes
- Redefining Blocks with Attributes
- Extracting Attributes

##### Exposure to Additional Layer Tools

- Layer Filters
- Layer States
- Layer Translator

##### Review and Application of Efficiency Tools

- Review and Application of Common System Variables
- Drawing Utilities
- Plotter Management
- Understanding and Application of Plot Styles

##### Introduction to Sheet Sets

- Creating Sheet Sets
- Creating Sheets
- Adding Views to Sheets
- Importing Layouts to Sheets
- Publishing Sheet Sets
- E-Transmitting

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### **Prerequisites**

Completion of AutoCAD® and AutoCAD LT Essentials, as well as AutoCAD and AutoCAD LT Beyond the Basics is required. A working knowledge of basic design/drafting procedures and terminology, and familiarity with current versions of Microsoft® Windows® is also required.

### **Learning Objectives**

1. Participants will be able to create, place and use dynamic blocks.
2. Participants will be able to create, edit and extract data from attributed blocks in the sample project used in the course.
3. Participants will be able to describe the use of drawing utilities to repair errors in drawings in the sample project used in the course.
4. Participants will be able to create, manage and batch print sheet set drawings in the sample project used in the course.

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