

## AutoCAD and AutoCAD LT Beyond the Basics – 16.0 Hours (2 Days)

### Course Description

#### Summary

AutoCAD Beyond the Basics continues with more sophisticated techniques that extend a student's mastery of the program. For example, users go beyond the basic skill of inserting a block to learn how to create blocks and how to populate them on tool palettes. Additionally, users will be introduced to external references which is a feature not covered in the previous session.

#### Topics and Schedule

##### Working Effectively with AutoCAD®

- Select Similar
- Hide/Isolate Objects
- Transparency
- Copy and Paste Between Drawings
- Additional Layer Tools
- Selection Cycling
- Coordinate Entry Review
- Temporary Track Point
- Placing Points and Point Styles

##### Understanding, Creating, and Editing Blocks

- Creating Local and Global Blocks
- Using the Block Editor
- Purging
- Tool Palette Creation and Properties of Tool

##### Creating Template Files

- Template Creation
- Standard Layout Creation
- Standard Page Setup Creation
- Title Block Creation

##### Annotation Styles

- Creating Text Styles
- Creating Dimension Styles
- Creating Multileader Styles
- Annotative Scaling Review

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### **Understanding, Creating and Effectively Printing Layouts**

Creating Local Layouts, Page Setups, and Batch Plotting

### **Understanding, Using and Modifying External References**

External Reference Overview – Overlay and Attachment

Attaching External References

Modifying External References

### **Prerequisites**

Completion of AutoCAD and AutoCAD LT Essentials 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 and edit blocks and tool palettes in the sample project used in the course.
2. Participants will be able to create annotation styles in the sample project used in the course.
3. Participants will be able to create template drawings for use in the sample project used in the course.
4. Participants will be able to attach externally referenced drawing files and images in the sample project used in the course.
5. Participants will be able to batch print drawings in the sample project used in the course.

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