



Duration: 3 Days

Prerequisites:

- A working knowledge of basic design/drafting procedures and terminology.
- A working knowledge of your operating system.
- The AutoCAD/AutoCAD LT Essentials training is designed for those using AutoCAD or AutoCAD LT with a Windows operating system. This training guide is not designed for the AutoCAD for Mac software

Course Outline

The objective of AutoCAD/AutoCAD LT Essentials is to enable students to create to create, modify, and work with a 2D drawing in the AutoCAD software. Even at this fundamental level, the AutoCAD software is one of the most sophisticated computer applications that you are likely to encounter. Therefore learning to use it can be challenging.

AutoCAD/AutoCAD LT Essentials covers the essential core topics for working with the AutoCAD software. The teaching strategy is to start with a few basic tools that enable the student to create and edit a simple drawing, and then continue to develop those tools. More advanced tools are also introduced throughout the training guide. Not every command or option is covered, because the intent is to show the most essential tools and concepts. Using hands-on exercises, users explore how to create 2D production drawings.

Topics covered include:

- Understanding the AutoCAD workspace and user interface.
- Using basic drawing, editing, and viewing tools.
- Organizing drawing objects on layers
- Inserting reusable symbols (blocks).
- Preparing a layout to be plotted.
- Adding text, hatching, and dimensions.
- Working with Units
- Using Linetypes
- Using Tool Palettes
- Using Drawing Templates
- Inputting Data
- Working with Polylines
- Creating Splines
- Creating Ellipses
- Using Tables
- Using Page Setups
- Plotting Drawings
- Using Blocks
- Using Multileaders
- Using Text Styles
- Editing Text
- Creating Dimensions
- Etc