

AutoCAD Fundamentals

Length: 5 Days

Summary: The objective of the AutoCAD: Fundamentals course is to enable you to create, modify, and work with a 2D drawing in the AutoCAD software.

Prerequisites:

- Access to the current version of the software.
- A working knowledge of basic design/drafting procedures and terminology.
- A working knowledge of your operating system.

COURSE CONTENT

The first part of the course covers the essential core topics for working with the AutoCAD software. The course begins with learning the basic tools for creating and editing 2D drawings. It then continues to explore the tools used to annotate drawings by adding text, hatching, dimensions, and tables. More advanced tools, such as working with blocks and setting up layouts, are introduced to improve your efficiency with the software.

Not every command or option is covered, because the intent is to show the essential tools and concepts, such as:

- Understanding the AutoCAD workspace and user interface.
- Using basic drawing, editing, and viewing tools.
- Organizing drawing objects on layers.
- Using reusable symbols (blocks).
- Preparing a layout to be plotted.
- Adding text, hatching, and dimensions.

The second part of the course continues with more sophisticated techniques that extend your mastery of the software. For example, here you go beyond the basic skill of using a template to understand the process of setting up a template, creating annotation styles, and how to work with external references. You learn such skills as:

- Using more advanced editing and construction techniques.
- Adding parametric constraints to objects.
- Creating local and global blocks.
- Setting up layers, styles, and templates.
- Attaching External References.