

# Intermediate AutoCAD

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## *Course Overview*

AutoCAD is a suite of popular CAD (Computer Aided Design) software products for 2 and 3 dimensional design and drafting. Developed by Autodesk, the AutoCAD family of products has become the most widely used CAD software in the world. AutoCAD is a vector graphics drawing program, it uses entities such as lines, polylines, circles, arcs and text as the foundation for more complex objects. AutoCAD's native file format, AutoCAD DWG, and its interchange file format, DXF, have become the de facto gold standard in the industry for the interchange of 2D CAD data.

In this course you will learn to create a basic 2D drawing in the AutoCAD software. You will start with the basic tools to create and edit a simple drawing, and then continue to develop those tools. More advanced tools are introduced throughout the course.

- 1: Working Effectively with AutoCAD
- 2: Accurate Positioning
- 3: Projects - Productivity Tools
- 4: Parametric Drawing
- 5: Working with Blocks
- 6: Projects - Creating and Organizing Blocks
- 7: Creating Templates
- 8: Advanced Layouts
- 9: Annotation Styles
- 10: Projects - Drawing Setup and Utilities
- 11: External References
- 12: Projects - Drawing