

AutoCAD Essentials Bootcamp

This instructor-led bootcamp provides a focused introduction to Autodesk AutoCAD, emphasizing core drafting techniques, drawing organization, and production-ready documentation workflows. Participants learn how to create accurate drawings, manage design data, and produce fully annotated deliverables through hands-on exercises aligned with real-world use cases.

Learning Objectives:

- Navigate the AutoCAD interface and manage drawing files
- Create and modify geometry using core drafting tools
- Apply precision tools for accurate drawing creation
- Organize drawings using layers and object properties
- Utilize advanced editing tools and reusable content
- Apply annotation standards and produce plotted sheets

Course Length: 12 Hours

Day 1: Core Fundamentals

- 1.1 Interface navigation and file management
- 1.2 Basic drawing and editing commands
- 1.3 Object snaps, polar tracking, and precision workflows

Day 2: Drawing Organization and Efficiency

- 2.1 Layer creation and management
- 2.2 Object properties and measurement tools
- 2.3 Advanced editing tools (Trim, Offset, Fillet, Arrays)
- 2.4 Blocks and reusable content

Day 3: Annotation and Output

- 3.1 Text, tables, and annotation workflows
- 3.2 Dimensioning standards
- 3.3 Layouts and viewports
- 3.4 Plotting and output