

AutoCAD for Design and Drafting Professional Certification



Why Autocad Certifications ?

AutoCAD is to enable you to create, modify, and work with a 2D drawing in the AutoCAD software. This 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.

Training Solutions:

√ Offline Classroom Instructor-Led Training in our labs or onsite Locations.

√ Virtual Instructor-Led Training Via Virtual Video Conferencing Tools.

Why Learners Prefer CLS as their Training Services provider ?

■ Premium Training Services Accredited from Global Technology Vendors.

■ Best Rated Experts & Certified Trainers in Egypt.

■ Official Training Hours, Practice Labs, Hands-on Learning.

■ CLS Training Classrooms are designed with High Edge PCs and Training Facilities.

■ Return on Training Investment is Guaranteed to boost performance.

• Overview:

- Learn the typical workflow and features of AutoCAD, including drawing, organizing, and editing objects, using tools for accuracy and annotations, reusing content, working with layouts and outputs, and managing drawings.
- Follow along with lessons, datasets, and exercises to practice and review the exam topics on your own. You can also test your knowledge by taking a practice test to prepare for the certification exam. It's all about practice and preparation.

• Training:

- Use annotation techniques such as markup tools, hatch and fill, multileaders, and dimensioning.
- Perform drawing management techniques, use blocks for efficiency, and control external reference and underlay files.
- Review the topics covered on the Autodesk Certified Professional in AutoCAD for Design and Drafting certification exam. Draw and edit objects, manage layers, apply object snaps, use advanced editing functions, and draw accurately using the User Coordinate System.
- Create and manage your layouts, outputs, and printings

• Audience Profile :

Who should enroll

- Work smarter not harder
- File maintenance
- Have You Tried: Create Tools on Tool Palettes

• Prerequisites:

- A working knowledge of basic design/drafting procedures and terminology.
- A working knowledge of your operating system.

• AutoCAD for Design Course Outline :

Getting Started

- Course overview
- Get the software
- Tips for the exam
- Exam objectives
- Course resources

See where you stand

Advanced drawing objects

- Create and work with polylines
- Create and modify arcs
- Create and work with polygons
- Create and work with splines
- Create and work with regions
- Create and work with rays
- Create and work with xlines
- Create and work with multilines: Part 1
- Create and work with multilines: Part 2
- Create 2D isometric drawings

Organize objects

- Select and organize objects
- Manage layers with layer states
- Use layer filters
- Have You Tried: Creating and Applying a Layer Filter
- Apply and remove layer overrides
- Merging and removing layers

Draw with accuracy

- Control the User Coordinate System
- Edit with multifunctional grips
- Have You Tried: Hatch and Hatch Editing

Layouts, printing, and outputs

- Create and manage layouts and viewports
- Define and apply custom scales
- Publish drawings
- Create a zipped transmittal package
- Have You Tried: Create and Import Page Setups

Annotation techniques

- Create and modify revision clouds
- Work with wipeouts
- Compare drawings
- Format text and apply text styles
- Create text columns
- Use tables in drawings
- Create and adjust multileaders and leaders
- Have You Tried: Multileaders for Labels and Callouts
- Create and edit annotation with advanced dimensioning techniques
- Have You Tried: Creating Dimensions Quickly and Efficiently
- Apply annotative properties and styles

Reusable content and drawing management

- Create blocks and apply attributes part 1
- Create blocks and apply attributes part 2
- Have You Tried: Attribute Extraction
- Control external references and properties of referenced layers

Productivity tips

- Work smarter not harder
- File maintenance
- Have You Tried: Create Tools on Tool Palettes