

## Online AutoCAD Training

Learn to build 2D drafts and 3D models in AutoCAD

Duration: 6 weeks | Certified Training

### About AutoCAD Training

The Online AutoCAD Training by Internshala is a 6 weeks training program where you will be trained in computer-aided drafting and design using AutoCAD. Upon the completion of this training, you will work on a project where you will implement different elements you learned in the training. The project will vary depending on your stream, it is as follows:

- **Civil/Architectural/Interior stream:** Plans, Elevations, Sections, Layout drawings.
- **Electrical & Electronics stream:** Electrical Schematic/ Single line/Circuit diagrams.
- **Mechanical Stream:** Mechanical Fabrication and Isometric drawings.

Along with good practical exposure, you will also get ample theoretical know-how in various core concepts in Computer Aided Design (CAD) which will help them perform well in an interview related with CAD. For doubt clearing, you can post your queries on the forum and get answers within 24 hours.

### Table of Contents

1. **Interface, Drawing Aids & Basic Objects:** *You will be introduced to AutoCAD interface and you will learn how to achieve precision in creating lines, points, circle, and arcs.*
  - Getting Started
  - Introduction to interface
  - Units and Limits
  - Creating lines
  - Points, Circles, and Arcs
  - Methods to achieve precision: I
  - Methods to achieve precision: II
  - Selecting objects
2. **Complex Objects & Object Editing:** *Learn to design shapes. Study about the key concepts of Layers.*
  - Editing Commands: I
  - Editing Commands: II
  - Assignment
  - Polylines, Rectangles, Polygons, and Ellipses
  - Properties and Properties panel
  - Layers: Concept, applications, options and shortcuts
  - Grip Editing, Normal and associative arrays

**3. Blocks & Annotations:** *Learn about the concepts and applications of blocks and how to create isometric planes and drawings.*

- Blocks: Concept and Application
- Blocks: Design Center and Tools palette
- Blocks: Attributes and Database extraction
- Hatching: Concept, Methods, and Options
- Text and Formatting
- Tables
- Isometric planes and drawings

**4. Plotting & Introduction to 3D:** *Learn to create 3D models using Basic 3D solid modeling.*

- Dimensions: Types and Editing
- Dimensions: Style Manager
- Plotting: Model space and Paper space
- Plotting: Printing
- Introduction to 3D: 3D Space and Visualization tools
- Introduction to 3D: Basic 3D Solid modelling
- Creating 3D models
- Project

Excited to learn AutoCAD, click [here](#) to sign-up for the training.

## FAQs

### **What is this training program about?**

The Online AutoCAD training is a 6-weeks training program where you will be trained in computer-aided drafting and design using AutoCAD.

### **What would be the training content? Who would be my instructor?**

The training will cover working with commands, layers, complex objects, printing, annotating and introduction to 3D modeling in AutoCAD. The training content has been developed in joint collaboration with Mr. Mohammed Sabeer.

### **How will the training be imparted?**

The Internshala AutoCAD Training will be delivered using state of the art online tutorials and interactive exercises provided. Please note this is not an instructor-led training.

### **What are the timings of this training program?**

As this is a purely online training program, students can choose to learn at any time of the day. The students can decide the timing according to their convenience.

### **Who can join? I am a beginner/advanced user, is this training program for me?**

This training would be better suited to beginners who have no prior knowledge of AutoCAD. Anyone who is willing to learn and has interest in AutoCAD can opt for this training program.

Ideally, students pursuing bachelor's degree in (Civil, Electrical, and Electronics, Mechanical) Engineering, Architecture and Interior designing can learn from this training program.

**Are there any pre-requisites for joining this program?**

This program is for beginners. There are no pre-requisites.

**What are the benefits of joining Internshala AutoCAD training program?**

You would get to learn AutoCAD concepts from scratch and would make projects according to their streams. Along with good practical exposure, you will also get ample theoretical know-how in various core concepts in Computer Aided Design (CAD) which will help them perform well in an interview related with CAD.

**What hardware/software are required for doing this training?**

No hardware is required for doing this training. All the necessary software are uploaded online which can be downloaded during training.

**Will there be a certificate provided at the end of the training?**

Yes, a certificate will be provided by Internshala upon completion of the training. You can download a soft copy of the certificate through our portal.

**Will I be able to download the training content?**

Yes, you can.

**Can the material be used by a group of students?**

No. These training programs are meant for individual users. Multiple users will not be allowed to access the portal using the same account.

If you have any queries or any doubts regarding the training, please write to us at [trainings@internshala.com](mailto:trainings@internshala.com) or call us on +91 844 8444 853.