



ALTUS EDUCATION PRESENTS

AutoCAD

Two-Month Training & Internship Program

Self-Paced | Mentor-Led

ABOUT THE PROGRAM

What you will learn

This program covers the essential core topics for working with AutoCAD. You start with a few basic tools that let you create and edit a simple drawing, then keep building on them. You will study the technicalities and applications of computer-aided design to create drawings and models for engineers, designers and architects.

Month 1 · Training

Industry training from experts with 10+ years of AutoCAD experience, through live interactive sessions and lifetime access to recordings.

Month 2 · Internship

Two project opportunities: an individual minor project and a group major project, to build real-world experience.

OUR OBJECTIVE

To bridge the gap between education and the ever-changing requirements of the corporate world through quality mentorship and continuous updation.

Training curriculum

Features of the Ribbon

- The Application menu
- The Quick Access toolbar
- The command line
- Keyboard shortcuts
- Creating basic drawings

Creating Basic Objects

- Working with lines
- Working with arcs
- Working with polylines
- Using grips
- Using object snaps
- Using object snap tracking
- Using polar tracking

Drawing Organisation

- Using layers
- Changing object properties
- Matching object properties
- Using the properties palette
- Using linetypes

Altering Objects

- Trimming and extending objects to defined boundaries
- Creating parallel and offset geometry
- Joining objects
- Filletting corners between two objects
- Chamfering corners between two objects
- Stretching objects

Working with Layouts

- Using page setups
- Using layouts
- Scaling drawing views

Dimensioning

- Creating dimensions
- Using dimension styles
- Editing dimensions
- Using multileaders

Annotating the Drawing

- Creating multiline text
- Creating single line text
- Using text styles
- Editing text

More to master

Hatching Objects

- Hatching objects
- Editing hatch objects

Drawing Templates

- Creating drawing templates
- Using drawing templates

Working with Reusable Content

- Creating and inserting blocks and symbols
- Editing blocks and symbols
- Using tool palettes
- Working with groups

Plotting Your Drawings

- Plotting drawings
- PDF output
- Multiple sheet drawings
- Using plot styles

Layouts and Paperspace

- Understanding model space and paper space
- Creating layouts
- Creating and using viewports
- Setting viewport scales

One AutoCAD

- AutoCAD toolsets
- AutoCAD web app
- AutoCAD mobile app

TOOLS USED

Software you will work with

AutoCAD

Revit

3ds Max

STAAD.Pro

ETABS

SAP

Excel

ArcGIS

Primavera

MS Project

Internship month

The second month features two project opportunities to put what you have learnt into practice. The first is a minor, individual project of 7 days that introduces you to the practical applications of the domain. The second is a major, group project in which you are placed in a team of 5-8 members to simulate working in a multinational company, under mentors who act as your supervisors and guide you through the project.

WAYS TO LEARN

Modes of training

Self Paced

- Recorded sessions with doubt-clearing opportunities
- Lifetime access to study material
- Training certification + internship opportunity

Mentor Led

- Live interactive sessions with doubt clearing
- Lifetime access to recordings
- Training certification + internship opportunity

SHOWCASE YOUR JOURNEY

Certifications

Certificate of Training

Awarded by Altus Education on finishing the course.

Certificate of Internship

Awarded by Altus Education on completing your internship.