



AutoCAD 2D & 3D User Course

Introduction

Are you interested in mastering the tools offered by AutoCAD used by pros worldwide?

During the course, students learn the features, commands and techniques for creating, editing, and printing drawings with AutoCAD. Using practical hands-on exercises, students explore how to create 2D production drawings in the best interactive learning environment under the guidance of a certified trainer. The last three lectures of the course shall be dedicated solely to the 3D functions within AutoCAD. The 3D Modelling workspace shall be discussed in detail, and the user interface functions specific to 3D functionality will be introduced during the first lecture. We shall also be covering two different aspects of 3D modelling - starting off with primitives as building blocks and applying boolean functions to achieve desired 3D models.



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Course Content

Apply Basic Drawing Skills

Create, open and publish files.
Draw circles, arcs and polygons.
Draw lines and rectangles.
Fillet and chamfer lines.
Select objects.
Use coordinate systems.
Use dynamic input, direct - distance, and shortcut menus.
Use Inquiry commands.

Use Drawing Aids

Work with Grid and Snap.

Edit Entities

Create Selection Sets.
Stretch Objects.
Use Grip Editing.
Use Offset and Mirror.
Use Trim and Extend.

Work With Curves

Draw and edit curved Polylines.

Control Object Visibility And Appearance

Alter layer assignments for objects.
Change object properties.
Control layer visibility.

Use Blocks And Xrefs

Define Blocks.

Use Hatching And Gradients

Apply hatch patterns.

Create And Edit Text

Create Text Styles.
Write Lines of Text.

Dimensioning

Create and apply -
Dimension Styles

Layouts And Annotative Objects

Use the Window Command
Use Viewports

Printing And Plotting

Set printing and plotting options.

3D Functions

3D Modeling Workspace
Using Primitives.
Obtaining 3D Objects from 2D
Polylines.
Materials and Lighting.
Rendering (including cameras and
basic animations)

Course Details

Study Mode

PARTTIME

Frequency: Once Weekly

Duration

24 Hours (12 Lessons of 2 Hours)

Delivery Method

Lectures & Hands-on Practice

Entry Requirements

Good knowledge of English
Basic Computer Skills

Award (Optional)

Autodesk AutoCAD Certified
User

Partner



€ 395

Study Experience Includes:

Training by an Autodesk Certified Educator,
Autodesk AutoCAD Software, Official Autodesk Courseware.

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