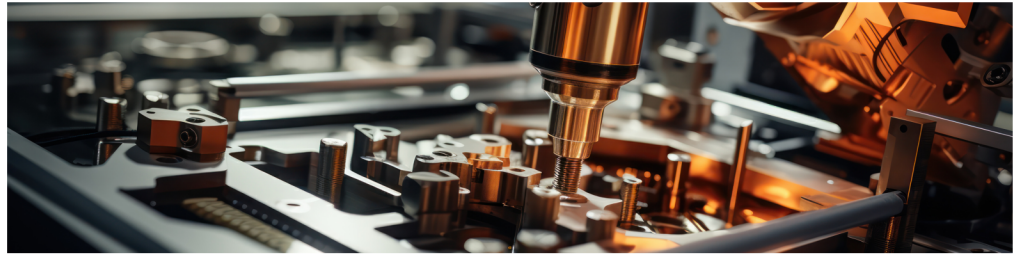


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AutoCAD 3D Drawing and Modeling introduces students who are proficient with the 2 commands in the AutoCAD software to the concepts and methods of 3D modelling. The training guide provides a thorough grounding in the fundamentals of 3D and explores the main features of advanced 3D Modeling workspace in the AutoCAD software.

COURSE DURATION	CPD ACCREDITATION
3 Days	None

COURSE OBJECTIVES

Capitalize on your knowledge of 2D to create 3D models entirely in AutoCAD software. In this class, you will learn how to take your ideas from concept to completion by creating and editing solid objects; creating smooth, free-form shapes using meshing tools; and capitalizing on the power of the surface modeling. We'll look at the differences between history- and non-history-based solids and see how models can automatically update when you modify underlying curves or parameters. You will also learn how to control selection and editing with sub-object selection filters, as well as glean valuable tips and tricks for navigating and visualizing your AutoCAD 3D models. If you thought 3D in AutoCAD was just too hard, think again.

PREREQUISITES

- Note: This course is designed for those using AutoCAD with a Windows operating system and is not designed for AutoCAD for Mac.
- Access to the 2024 version of the software, to ensure compatibility with this course. Future software updates that are released by Autodesk may include changes that are not reflected in this course. The practices and files included with this course are not compatible with prior versions.
- A working knowledge of basic design/drafting procedures and terminology.
- A working knowledge of your operating system.

TOPICS COVERED

- 3D Foundations
- Simple Solids
- Working with the User Coordinate System
- Creating Solids and Surfaces from 2D Objects
- Modifying in 3D Space
- Advanced Solid Editing
- Additional Editing Tools
- Refining the View
- Point Clouds
- Visualization
- Working Drawings from 3D Models



AUTODESK AutoCAD



I USE AUTOCAD

RECEIVE THE FOLLOWING WHEN ATTENDING A COURSE AT MODENA:

- Autodesk Certificate of attendance

EXAMS AND CERTIFICATIONS:

- Autodesk Certified Professional in AutoCAD for Design and Drafting

WHO SHOULD ATTEND

This course is designed for a user with a good working skill level in the AutoCAD Software. A minimum of 80 hours of work experience with the AutoCAD Software is recommended.