



AC301: AutoCAD 3D Modeling

Course Length	3 full-days or 6 half-days
Schedule	9:00am – 4:00pm (full-day) 9:00am – 12:00pm (half-day)
AIA CEUs or PDHs <small>*where applicable</small>	21
Price	\$1195 per person (group rates available)

Designed for

This course is intended for designers who would like to begin working with the 3D modeling tools and features in AutoCAD.

Prerequisites

Student should be familiar with creating and editing 2D objects in a recent version of AutoCAD, as well as have a working knowledge of a recent version of Microsoft Windows.

What you get

Students will get classroom access to the software and Autodesk Authorized Training courseware (these can be purchased in addition to the training) and the knowledge to get started with 3D tools in AutoCAD.

Notes

The course length is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the students.

All courses will be taught on the most current release, depending on availability of courseware.

Training Center Locations

ONLINE	Hauppauge, NY
Watertown, MA	Albany, NY
Meriden, CT	Greenville, PA
Portland, ME	Chattanooga, TN
Bound Brook, NJ	Roanoke, VA

Course Plan

The AutoCAD 3D Modeling course introduces users who are proficient with the 2D commands in the AutoCAD software to the concepts and methods of 3D modeling. This course provides a thorough grounding in the fundamentals of 3D and explores the main features of the advanced 3D Modeling workspace in the AutoCAD software.

Topics Covered

- 3D viewing techniques
- Working with simple and composite solids
- Creating complex solids and surfaces
- Modifying objects in 3D space
- Editing solids
- Creating sections, camera perspectives, and animations
- Working with point clouds
- Converting 3D objects
- Setting up a rendering with materials and lights
- Creating 2D drawings from 3D models
- Working with the User Coordinate System
- Set up a drawing for 3D Prints

For more information, please contact our main office:

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