



AC 301

AutoCAD 3D Modeling

Course Length	3 days
Schedule	9:00am – 4:00pm
AIA CEUs or PDHs	21
Price	\$995 per person

Prerequisites

Student should be familiar with creating and editing objects in a recent version of AutoCAD, as well as have a working knowledge of Microsoft® Windows® XP or Microsoft® Windows® 7.

Designed for

This course is for designers who are familiar with AutoCAD and proficient in working with 2D objects, who want to create 3D models of their designs.

What you get

Autodesk® Authorized Training Courseware, an industry recognized Autodesk® Authorized Training Center Certificate of Completion, extended telephone support for 90 days, and all the knowledge to bring you to the next level with 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 classes will be taught on the most current release, depending on availability of courseware.

Group rates and on-site training are also available.

Training Center Locations

Watertown, MA
Stoughton, MA

Hauppauge, NY
Dover, NH

Course Plan

Using hands-on exercises representing real-world, industry-specific design scenarios, students explore the fundamental concepts and workflows for creating 3D models using AutoCAD. Students learn how to create and modify both solid and surface models, while presenting their designs using visualization tools, materials, and lighting. Students also learn how to output 3D models from AutoCAD in multiple, deliverable formats.

Topics Covered

- Introduction to 3D modeling
- Creating solid primitives, models from 2D profiles, and composite solids
- Converting 2D objects to solids or surfaces
- Adding detail to solid models
- Converting objects
- Editing solid models
- Extracting geometry from solid models
- Changing the model position
- Duplicating the model
- Getting information from 3D objects
- Generating 2D geometry from sections
- Using visual styles, lights, materials, and the sun
- Rendering
- Navigation, cameras, and views

For more information, please contact our main office

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