



Prerequisites:

- Access to the latest version of the software. The practices and files included with this guide might not be compatible with prior versions.
- Before taking this course, students need to have a good working skill level in the AutoCAD software. A minimum of 80 hours of work experience with the AutoCAD software is recommended.

Course Outline:

The AutoCAD® 3D Drawing and Modelling learning guides introduces users who are proficient with the 2D commands in the AutoCAD® software to the concepts and methods of 3D modelling. The guide provides a thorough grounding in the fundamentals of 3D and explores the main features of the advanced 3D Modelling 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