



# AutoCAD®

## 3D Drawing & Modeling

AutoCAD® 3D Drawing and Modeling introduces students who are proficient with the 2D commands in the AutoCAD® software to the concepts and methods of 3D modeling. The 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.

### COURSE OF FOCUS:

- 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
- Setting up a drawing for 3D Prints

### PREREQUISITES:

- 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

### Additional Information:

- Instructor Led Training
- 2 Days, 9 am – 4 pm

#### **Authorized Training Center:**

1128 Roosevelt Avenue  
Suite 100  
York, PA 17404

#### **Customized and on-site training available upon request.**

To request a training, contact a Print-O-Stat specialist by phone at 1-844-435-7479 or email [software@printostat.com](mailto:software@printostat.com).