



3D Modelling using AutoCAD 2012

Course Details

Course Duration: 3 days

Award: Autodesk Official Certificate in 3D Modelling using AutoCAD 2012

Course Description

This course teaches the use of the 3D solid modelling drawing and editing tools within AutoCAD 2012, including the use of coordinate systems, 3D viewing and 3D display. On successful completion of the course, you will be able to create, modify, view and render 3D solid models within AutoCAD 2012.

Objectives

After completing this course, students will be able to:

- Understand Surface & Solid Modelling Concepts & Co-ordinate Systems.
- Understand 3D Viewing Tools.
- Create & edit 3D Solid Models and learn Cross Sectioning and Slicing.
- Use more advanced 3D Solid Editing tools.
- Use AutoCAD Material and Rendering functions to produce visualization.

Who Should Attend

The course is designed for existing AutoCAD 2D users who wish to develop 3D Solid Modelling skills.

Prerequisites

Good knowledge of AutoCAD 2D draughting.

Course Content

- Set the 3D working environment and system variables.
- Become familiar with various 3D modelling methods and examine the power of 3D solids.
- Use the latest 3D viewing tools to create views.
- Understand the different model display options (hidden line/shading/rendering).
- Use AutoCAD commands to produce a variety of 3D SURFACE and SOLID models e.g. extruded and revolved solids.
- Edit solid models to create more advanced models and create assemblies of components. This section introduces the student to AutoCAD 2012's latest 3D editing commands.
- Slice and section solids and use paperspace viewports to produce complex drawings.
- Attach and edit AutoCAD materials, and produce rendered prints and image files.
- Use the new features of AutoCAD R2012 both 2D and 3D.

Why choose Amicus Technology Training?

- Quality certification - We are an authorized Autodesk & City & Guilds training and exam centre
- Personal Attention ensured - Maximum 8 candidates per class
- Follow-on telephone support included in all courses
- We provide a range of courses to facilitate the candidate moving from an introductory level to advanced AutoCAD or specialist areas e.g. Architecture, Civil Engineering.
- We are constantly updating our courses to enable the candidate to avail of the latest software
- The West of Ireland's only Autodesk authorized Partner for Architecture, Civil Engineering & GIS solutions



Amicus Technology Training
Slieveaun, Clarinbridge, Co. Galway

Tel: 091 776122

Fax: 091 796866

Email: info@amicustec.ie

www.amicustec.ie



Autodesk

Silver Partner
Architecture, Engineering & Construction

Autodesk
Authorised Training Centre