
PROGRAMME TITLE – **AUTO CAD 3D Basic**

Participant Profile

This course will suit people interested in Interior Design, Engineering, Landscaping and other areas where 3D computer aided draughting and design techniques a way of expressing visions and ideas.

Programme Aim

To up skill students with experience in CAD 2D, in the application of 3D computer aided draughting and design techniques (3D CAD) in their chosen profession including: Architecture, Structural Engineering, Mechanical & Electrical engineering, Industrial Design, Interior Design, Interior Architecture, Landscape Architecture, Carpentry and Joinery.

Programme Objectives

To use computer aided design software to produce basic 3D models for a wide range of technical disciplines, such as Interior Design, Engineering, Architecture etc. and to get a basic understanding of the application of 3D computer aided draughting and design techniques (3D CAD).

Outline Syllabus

- Introduction to 3D
- Creating Primitive Solids
- Create Model of 2D Profile
- Creating Complex Solids-Basic
- Working in 3D
- Editing Solids-Basic
- Replicating The Model
- Use Of Lights-Basic
- Basic Rendering
- Use Of Cameras And Views

Training Method

The focus of the training delivery concentrates on a balance of:

- Instruction
- Presentations
- Demonstrations
- Discussion Groups
- Giving And Receiving Feedback

Training Facilities

- Course notes
- Facilities available in centres i.e projector when required, flipcharts, whiteboard etc.

Assessment Method

Weekly short assessment tests designed to fit with the course material

Certification

Those attending 75% of the Course will be awarded a Certificate of Attendance.

Programme Duration

10 nights, 3 hours per night.