AUTOCAD ADVANCE TRAINING

Objectives

The objective of this course is to teach users the commands and tools necessary for professional 3D drawing, design using AutoCAD. After completing this course users will be able to:

✓ Use AutoCAD for daily working process.
✓ Navigate throughout AutoCAD using major navigating tools
✓ Understand the concept and techniques to draw.
✓ Create multiple designs using several of tools.
✓ Extracting data from drawings.
✓ Create 3D models using 3d model tools.
✓ Render ad present the model

Pre-requisites

This guide is designed for AutoCAD user. It is recommended that you have a working knowledge of:
• Basic of AutoCAD and design skills.
• Microsoft® Windows® 7, Microsoft® Windows® 8 or Microsoft® Windows® 10.

TRAINING PROGRAMME DAY 1

Chapter 1: Storing, Presenting and Extracting Data

• Defining Attributes and Blocks
• Inserting Attributed Blocks
• Editing Table Styles and Creating Tables
• Using Fields in Tables Cells
• Editing Table Data

Chapter 2: Navigating 3D Models

• Using Visual Styles
• Working with Tiled Viewports
• Navigating with the Viewcube
• Orbiting in 3D
• Using Cameras
• Navigating with Steering Wheels
• Saving Views

Chapter 3: Modelling in 3D

• Creating Surface Models
• Editing Surface Models
• Creating Solid Models
• Editing Solid Models
• Smoothing Meshes

Chapter 4: Modelling in 3D (Continued)

- Creating Surface Models
- Editing Surface Models
- Creating Solid Models
- Editing Solid Models
- Smoothing Meshes

Chapter 5: Presenting Your Design

- Assigning Materials
- Placing and Adjusting Lights
- Creating Rendering