AutoCAD
ESSENTIALS

Course Duration: 16 Hours

Overview:

The Autodesk AutoCAD Training course is designed for new software users who require comprehensive training.

Learning Objectives:

After completing this session, you will be able to:

- Understand the Autodesk AutoCAD workspace and user interface.
- Organize drawing objects on layers.
- Insert reusable contents such as blocks to the drawing.
- Works with layouts and plotting.
- Annotate and add dimensions to the drawing.

Prerequisites:

No prerequisites required other than a working knowledge of the latest versions of Microsoft Windows operating systems.

Acquisition:

Trainees will get a training manual and an industry recognized Certificate of Completion.

Notes:

The course length is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the trainees.

Course Description:

This course covers basic topics for AutoCAD software by starting with the basic tools that will enable the students to create, edit, and manipulate 2D and 3D drawings.

Topics Covered:

- Taking the AutoCAD Tour
- Creating Basic Drawings
- Manipulating Objects
- Altering Objects
- Working with Layouts
- Annotating the Drawing
- Dimensioning
- Hatching Objects
- Working with Reusable Content
- Creating Additional Drawing Objects
- Plotting Drawings
- Introduction to 3D Model
- Basic 3D Modeling
- 3D Navigation System
- Extracting Geometry from Solid
- Basic Mesh Modeling
- Editing Mesh Model
- Surfacing
- 3D Solid Modification