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Course Content for Auto Cad

Fundamental

About AutoCAD, Important parts of drawing screen, Graphical user interface of AutoCAD, Use of key board and mouse with AutoCAD, Starting AutoCAD session, units, drawing sheets etc.

Creating Object

Draw commands such as line, Arc, Circle, Multiline, Rectangle, ray, Polygon, Donut, Spline, Hatch etc.

Editing

Editing commands such as erase, copy, mirror, offset, Array, move, scale, break, extend, chamfer, Fillet etc, Drawing setting & Object selection method.

Object Properties

Understanding various object properties such as layer Color, linetype, match & change properties.

Advanced draw Tools

Text writing, single line text, Multiline text, Creating, Mechanical symbol, Creating blocks & attributes.

Dimension Of Drawing

Linear dimension, aligned and ordinate dimensioning, base, line dimensioning, leader, tolerance, dimensioning Style. Disk quota management Backup and Restore

Working in 3D

Concept of 3D, various modeling techniques, Commands Used in 3D, Fundamentals of 3D geometry, viewing 3D

Modeling

Drawing 3D wire frame, surface model and solid Model, Modifying 3D Model, Rendering of solids, Plotting of Drawings