

AUTOCAD

Drawing and Printing Project documentation

Directed Towards:

Architects, Civil engineers, Mechanical engineers, Interior Designers, Landscape Architects, draftsman, Designers, and College Students. In General, the program is for anyone that wants to draw with accuracy and precision.

Requirements:

Working knowledge of Windows

General Objectives:

After completing the course the participant will have gained the skills to draw and modify construction manufacture documentation.

Specific Objectives:

The participant will be able to create complex shapes with high precision, handle the information effectively, standardize graphical elements, and print to multiple scales.

COURSE CONTENT

AutoCAD Environment:

Interface
Drawing Templates
Quick New
Dynamic Input
Workspaces
Dashboard
Units

Drawing Entities:

Lines
Arcs
Circles
Polylines
Splines
Points
Rectangles
Polygons
Hatching Objects
Editing Hatch Objects

Consulting and Visualization:

Match Properties
Quick Select
Properties
List
Area
Perimeter
Locate point
Distance

Object Snap Tracking
Zoom
View
Regen
Pan

Modifying Entities:

Array
Trim
Extend
Rotate
Explode
Stretch
Scale
Join
Move
Erase
Copy
Mirror
Fillet
Chamfer
Polyline edit

Obtaining Data:

List
Distance
ID Point
Area

Drawing Organization:

Layers
Object Properties
Linetypes

Symbols and Libraries:

Block
WBlock
Insert
Base point
DesignCenter

Text Management:

Annotative Text
Dtext
Qtext
Text Style

Dimensioning:

Dimension Styles
Quick Dimension
Annotative Dimension
Dimension Variables

Annotative Elements:

The annotative elements are adjusted automatically to the different printing scales:

Text
Dimensions
Leaders

Scaling & Plotting:

Plotting Menu
Multiple Scales in one plane
Annotative Scale
Layouts
Viewports
Drawing Templates