YOUR COURSE, YOUR WAY - MORE EFFECTIVE IT TRAINING

AutoCAD 2D Introduction / Intermediate

Duration: 2 days

Overview:

Aspect Training's AutoCAD 2D Introduction/Intermediate training course is the perfect introduction to the world€²s leading CAD software. It provides concise explanations and practical hands on exercises that clearly show you how to plan and develop a customized AutoCAD project. During this course you€²ll master AutoCAD features, get a thorough grounding in the essentials, and see quick results.

Starting with your very first line, you will create and edit a full 2D drawing using many of the 2D drawing commands of AutoCAD. You will create and use blocks, layers and AutoCAD libraries. Finally you will create plot layouts of your finished drawing.

Prerequisites:

No previous experience of AutoCAD is required for this course. Some technical drawing experience would be helpful but is not essential.

Topics:

1 - Getting to Know AutoCAD.

Exploring the AutoCAD User Interface

Introducing the AutoCAD Graphics Window

Working in the Command Window

Using the Ribbon

Using the Menu Browser

Workspaces

2 - Learning Basic Commands to Get Started.

Using the Line Command

Using Coordinates

Using the Direct Distance Method

Erasing Lines

Using Direct Input

Using The Offset Command

Using the Fillet Command

Extending Lines

Trimming Lines

3 - Setting Up a Drawing.

Setting Up the Drawing Units

Setting Up the Drawing Size

The Grid

Setting Up Drawing Limits

Drawing with Grid and Snap

Saving Your Work

A Summary of AutoCAD's Units

4 - More 2D Drawing and editing Commands

Drawing Rectangles

Drawing Arcs

Drawing Circles

Create a Polyline

Edit a Polyline

Copying Objects

Mirroring Objects

5 - Using Layers to Organize Your Drawing.

Setting Up Layers

Assigning Linetypes to Layers

Assigning Objects to Layers

Turning Off and Freezing Layers

Setting a Linetype Scale Factor

Setting Properties of Layers and Objects

Selecting Colours for Layers and Objects

Using the Action Recorder

Creating Layer States

6 - Combining Objects into Blocks.

Making a Block

Inserting the Block

Finding Blocks in a Drawing

Detecting a Block

Using the Properties Palette to Examine a Block

Revising a Block

Sharing Information Between Drawings

7 - Controlling Text in a Drawing.

Determining Text and Drawing Scale

Defining a Text Style

Using Single-Line Text

Using Multiline Text

Using the Spell Check Feature

8 - Using Layouts to Set Up a Print.

Setting Up Layouts

Setting the Layout Parameters

Creating a Paper Space Viewport

Setting the Viewport Scale

Adjusting a Viewport's Contents

Setting the Linetype Scale

Locking and Turning Viewports Off

9 - Printing an AutoCAD Drawing.

Using the Plot Dialog Box

Printing a Drawing

Determining Lineweights for a Drawing

Previewing a Print

Printing a Drawing

Publishing Multiple Layouts

Plot Styles