



AutoCAD for Theatre Course

A six part course in a theatre context covering the requirements of the ECDL –CAD qualification, each Part is divided into five Sections:

Creation

This covers drawing and editing of objects

Annotation

This covers adding text and other information to a drawing

Presentation

Covering the appearance of your drawing onscreen

Distribution

Covering printing and electronic ways of sending out your drawings

Customisation

This covers setting up AutoCAD to best suit your needs

Course Syllabus

Basic Level – Part 1

- The AutoCAD interface
- Drawing Coordinates – X, Y & Z
- Creation
 - Setting up the drawing area
 - Accurate drawing of different object
 - Editing of objects
- Presentation
 - Use and creation of Layers
- Annotation
 - Creating a Text Style
 - Creating Single Line Text
 - Using the Distance Command
- Distribution
 - Plotting from Model Space
 - To scale and not to scale
- Customisation
 - Changing the position and behaviour of the Ribbon

Basic Level – Part 2

- Creation
 - Polylines
 - Rectangles
 - Arcs – 3 Point, SCE and SCA methods
 - Creating Blocks
 - Move
 - Rotate
 - Trim and Extend
- Annotation
 - MultiLine Text
 - More about Text Styles
- Presentation
 - Properties
- Distribution
 - PaperSpace
 - Layouts
- Customisation
 - Options
 - Units

Intermediate Level – Part 3

- Creation
 - Splines
 - Fillet and Chamfer
 - Arcs
 - SCL/CSL
 - SER
 - SED
 - SEA/CSA
 - Continue
 - Blocks - Attributes
 - Divide and Measure
 - Points and Point Styles
 - DDE, Polar Tracking and OTrack
- Annotation
 - Annotation Scale
 - Annotation Text Styles
 - QDIM
- Presentation
 - Hatching
- Distribution
 - Plot Style Tables

- Customisation
 - Further Options

Intermediate Level – Part 4

- Creation
 - Revision Clouds
 - Ellipse
 - Ellipse Arc
 - Donuts
 - AutoCAD DesignCenter
 - Creating a library
 - DC Online
 - Array
 - Stretch
 - Scale
 - Regen and Redraw
- Annotation
 - Dimensioning 1
 - Dimension Styles
- Presentation
 - Templates
 - Titleblocks
- Distribution
 - Viewports
- Customisation
 - Workspaces

Advanced Level – Part 5

- Creation
 - WBlocks
 - DXF Files
 - Explode
 - Dynamic Blocks
 - Break
 - Wipeouts
 - Polygon
 - Grips
- Annotation
 - MultiLeaders
 - Further Dimensioning
- Presentation
 - Advanced Layers
 - Matching Properties
- Distribution

- Lineweights
- Plot to File
- Add a Plotter
- Customisation
 - Customise User Interface
 - Customising the Ribbon
 - Customising the Quick Access Toolbar

Advanced Level – Part 6

- Creation
 - Multilines
 - XRefs
 - Polyline Edit
 - Quick View Drawings
 - Layouts
- Annotation
 - Tables
 - Area
 - Attribute Extraction
- Presentation
 - Standards
 - Views
- Distribution
 - Importing file formats
 - Exporting to file formats
 - Publish
- Customisation
 - AutoLisp routines