



AutoCAD for Theatre Course

AutoCAD 2015 Syllabus

Basic Level

Part One

Introduction to AutoCAD and Computer Aided Draughting; The AutoCAD interface; X & Y orientation

Drawing Lines and Circles; Erasing objects; Copy, Mirror and Offset

Using and creating Layers

Adding Single Line text; Using the Distance command

Basic plotting

Customising the Ribbon and the Mouse

Part Two

Drawing Polylines, Rectangles and Arcs; Moving and Rotating objects; Trim and Extend

Creating Groups

Creating Text Styles; Multiline Text; Editing Text

Using Properties

Layouts; Model and Paper Space; Linetype Scales

Options; Status Bar; Units

Intermediate Level

Part Three

Drawing Splines and more Arcs; Fillet and Chamfer; Creating Blocks; Attributes; Inserting Blocks; Divide and Measure; Points and Point Styles; Alternative entry methods

Annotation Scale; Annotative Text Styles; Dimension Styles; QDIM

Hatching

Plot Style Tables

Further Options

Part Four

AutoCAD DesignCenter & Content Explorer; Creating a library; Dynamic Blocks

Array; Stretch; Scale; Nudge & Join

Dimensioning Tools;

Redraw and Regen

Templates & Titleblocks

Viewports in Paper Space, Isolate Tools; Transparency

Workspaces

Advanced Level

Part Five

Ellipses; Donuts; Polygons: Break; Wipeouts; WBlocks; Explode; Grips

Multileaders; Multileader Tools; Further Dimensioning; PaperSpace Annotation; Default Scales

Layer Tools; Layer States; Linetype Scaling; Lineweights

Rotating Plots; Publish; Creating PDFs; Autodesk Online Services

Creating Macros; Customising the Quick Access Toolbar; Mouse Tools

Autodesk 360; Publish; Add A Plotter

Customising the User Interface; Creating New Buttons; Customising the Quick Access Toolbar; Mouse Tools

Part Six

Multilines & Multiline Styles; Multiline Editing; Polyline Editing; Revision Clouds; Importing DWGs; External References;

Tables; Measuring Areas; Attribute Extraction; Further Dimension Tools

OLE; Hyperlinks; Purging drawings; Exporting in different file formats; Using Autodesk and other programmes

CAD Standards; Layer Translator

Purging Drawings; Exporting drawings as images; Sheet Sets

Using the CUI; Creating a Command; Apps; AutoLisp