



PROPOSED
AutoCAD Courses
LEVEL 1 - 3



AutoCAD Courses

Introduction to AutoCAD - Level (1)

Course Description

BASIC COMPUTER SKILLS

INTRO TO AUTOCAD - (Coordinate systems | Basic CAD | Terminologies)

INTRO TO DRAWING / MODIFYING COMMANDS - (Line | Circle | Erase | Print | Undo)

MORE MODIFYING COMMANDS - (Rectangle | Multi Line | Extend | Offset | Trim | Introduction to Object Snaps)

ACCURATE INPUT - (Review and practice of accurate input)

SELECTION SETS (Creating Selection Sets)

MODIFYING COMMANDS - (Move, Copy, Stretch, Mirror)

DIMENSIONING / TEXT / SCALE (Rotate, Fillet, Chamfer, Array)

ASSIGNMENT 6 LAYERS / DIMENSIONING / TEXT / SCALE (Layer, Text, Dimensioning, Scale)

DIRECT DISTANCE ENTRY AND OBJECT TRACKING (Direct Distance Entry | Polar Tracking | Object Snap Tracking | Dynamic Input)

CHANGING THE PROPERTIES OF OBJECTS (DON'T REDRAW AN OBJECT - CHANGE ITS PROPERTIES)

ZOOMING AND PANNING AROUND A DRAWING (EFFECTIVE ZOOMING CAN DRAMATICALLY INCREASE YOUR SPEED)

COURSE	INTRODUCTION TO CAD	
SCHEDULE	WEEK DAYS	WEEKEND
Time :	Mondays & Wednesdays	Saturdays
	5:15pm - 8:15pm	9:00 - 3:30pm

Advanced AutoCAD - Level (2)

Course Description

PLANNING A PROJECT - OFFICE FLOOR PLAN

INTRODUCTION TO BLOCKS - CREATING AND INSERTING

ALIGN AND ROTATE

ATTRIBUTES - NON-GRAPHICAL INFORMATION

POLYLINES

LAYOUT TABS

INTRODUCTION TO 3-D

ISOMETRIC DRAWING

WORKING IN 3 DIMENSIONS

VIEWING 3-D OBJECTS

BASIC WIREFRAME MODELS

REGIONS AND 3-D FACES

MORE ABOUT EXTRUDING & LOFTING

REVOLVED OBJECTS

ADDING MATERIALS

PRIMITIVE SOLIDS

BOOLEAN OPERATIONS

CHANGING FROM THE WCS TO THE UCS

MAPPING MATERIALS

COURSE	ADVANCED CAD - LEVEL 2	
SCHEDULE	WEEK DAYS	WEEKEND
Time : 30hrs	Tuesdays & Thursdays	Saturdays
	5:15pm - 8:15pm	9:00 - 3:30pm

Advanced AutoCAD - Level (3)

Course Description

EXTRA PROJECTS AND A TUTORIAL

PUTTING IT ALL TOGETHER - MODEL A BUILDING

INTRODUCTION TO RENDERING AND LIGHTING

AUTOCAD TEMPLATE FILES

USING OSNAPS IN AUTOCAD

AUTOCAD FILE FORMATS

GRIP EDITING

AUTOCAD'S INQUIRY TOOLS

XREF'S (EXTERNAL REFERENCES)

SYSTEM VARIABLES

TABLES

INTRODUCTION TO SET SHEETS

MODIFYING AND CREATING DIMENSIONS

INTRODUCTION TO CUSTOMIZING AUTOCAD

CHOOSING A SUPPLIMENTAL 3D SOFTWARE

COURSE	ADVANCED CAD - LEVEL 3	
SCHEDULE	WEEK DAYS	WEEKEND
Time : 30hrs	Tuesdays & Thursdays	Saturdays
	5:15pm - 8:15pm	9:00 - 3:30pm