



AutoCAD MASTERY

COURSE CONTENT

Module 1

2 hr

Introduction of CAD/CAM/CAE

- How to start AUTOCAD
- Strat up
- About screen display
- Page setup

Commands: Units, Limits, Grid, Grid style, Line, Point picking tools (End, Mid, Int)

Module 2

3 hr

Circle, point picking tools (Cen, qua, tan), donut, offset, trim, polygon, solid.

Module 3

7 hr

Change, LTS, OSNAP, Ortho, snap, Functional keys, Ellipse, Mirror, P line, List, Point picking tools (Per, Nearest, Node).

Module 4

5 hr

Arc, Break, Distance , Copy, Extend, Rec, Chamfer, Fillet.

Module 5

7 hr

Block, Wblock, Dynamic block, Insert, Explode, Array, Arrayclassic.

Module 6

10 hr

Text/ dtext, Mtext, Arc text, Style, Ddedit, Mirrtext.

Module 7

7 hr

Layer, Hatch, Hatchedit, Method of selection, Area.



Indian Skills Academy

COURSE CONTENT

Module 8

10 hr

Rotate, Scale, Stretch, Grips, Ddgrips, Point, Ddptype, Divide, Measure, Matchprop/painter, Color, Import/export, Plot, Publish.

Module 9

10 hr

Type of Dimension, Dimension variables, Dimension command: Horizontal/ hor, Vertical/ver, Aligment/al, Angular/an, Radial/ra, Diameter/di, Leader/l, continue/co, Baseline, Textedit/te, Dimstyle, -Dimstyle.

Module 10

8 hr

Layout, 3d Surfaces, Viewpoint, UCS, Rulesurf, Revsurf, Surftab1, Surbtab2, patch.

Module 11

10 hr

3d Solids, Box, Wedge, Cylinder, Cone, Sphere, Torus, Isolines, Union, Subtract, Intersect.

Module 12

7 hr

Chamfer, Fillet, Pedit, Join, Boundary, Revolve, Slice, Sweep, Presspull, Plotting Guidance.

Module 13

2 hr

Exam Lecture (orthographic to isometric view)

Module 14

3 hr

Plans, submission drawing, project.

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