AutoCAD course content

Module 1 2hr

- 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 3hr

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

Module 3 7hr

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

Module 4 5hr

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

Module 5 7hr

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

Module 6 10hr

Text/ dtext, Mtext, Arctext, Style, Ddedit, Mirrtext.

Module 7 7hr

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

Module 8 10hr

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

Module 9 10hr
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 8hr

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

Module 11 10hr

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

Module 12 7hr

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

Module 13 2hr

Exam Lecture (orthographic to isometric view)

Module 14 3hr

Plans, submission drawing, project.