

## AUTOCAD SYLLABUS

DAY	CHAPTER	TOPICS	HOURS
DAY 1	INTERDICTION OF AUTOCAD	AutoCAD versions Interface	1
DAY 2	Control the Drawing CHANGE VIEWS	Function keys AutoCAD basics	1
DAY 3	Cartesian coordinate system	ABSOLUTE COORDINATE SYSTEM RELATIVE COORDINATE SYSTEM	1
DAY 4	Draw commands	Line command Poly line command Rectangle command	1
DAY 5	Modify commands	Move ,Rotate, Scale, copy, Mirror, erase, trim, extend	1
DAY 6	Annotate Dimension Style Manager	Linear, Aligned, Radius Angular, Arc length	1
DAY 7	Text command Layers blocks	Single line text Multiline text Layer properties Insert blocks	1
DAY 8	Parametric	Geometric, Dimensional Manage	1
DAY 9	Isometric views	Isometric top, left, right Isometric diagrams	1
DAY 10	Isometric drawings	Isometric diagrams exercise	1
DAY 11	2D Fundamentals	Drawing units Sheet settings	1
DAY 12	Mechanical diagrams	knuckle joint	1
DAY 13	2d drawings	Idler plate Hook drawing	1
DAY 14	2d diagram	fork	1
DAY 15	Create and Save AutoCAD	Save files Export pdf plot	1

DAY	CHAPTER	TOPICS	HOURS
DAY 16	Use the AutoCAD visual reference commands	Drawing Area Setup Visual reference	1
DAY 17	Interactive Input method	grid snap mode	1
DAY 18	Civil Building planning and drawing	introduction to building drawing	1
DAY 19	brief history of building drawing	different types of buildings	1
DAY 20	residential buildings	exercise – 1 planning house drawing rough sketch	1
DAY 21	Institutional buildings	floor plan	1
DAY 22	different types of residential buildings	detached house semidetached house	1
DAY 23	duplex type house	drawing ground floor 1 <sup>st</sup> floor 2 <sup>nd</sup> floor	1
DAY 24	principles of planning of building	residential house public buildings	1
DAY 25	elevations	1 <sup>st</sup> floor 2 <sup>nd</sup> floor elevation	1
DAY 26	door drawings windows	door elevation windows	1
DAY 27	partitions foundation sub substructure	Drawing partitions	1
DAY 28	electrical drawings	Circuit, transistor symbols	1
DAY 29	electrical plans	exercises	1
DAY 30	introduction to 3d interface	AutoCAD workspaces are sets of menus	1