

Syllabus of 3D Civil/ Architect

Day-1

Discussion regarding the Syllabus of 3D Civil Course

Lecture for creating 2D Drawings of Architectural plan and all their levels

Lecture for creating 3D Drawings of Building Models, Assigning Materials, Camera, Lights, Rendering and Produce Bitmap Image.

Day-2

Lab session for Creating Building plan with Layers

Day-3

Extruding the Building Model from the above 2D plan

Subtracting Doors and Windows

Applying Plinth, Slab and Column of Building and Porch

Day-4

Applying Doors, Window Frame, Pannel and Glasses.

Day-5

Applying Different types of Chhajjas to Windows with Pardi.

Day-6

Applying Different types of Railings.

Creating Parapet Wall and Coping.

Creating Slab.

Day-7

Providing Front Elevation Section

Creating Entrance Gate

Creating Boundary Wall

Day-8

Assignment for modeling a Double Storied Building Project with Applying Doors and Window Frames up to ground floor.

CAD Academy.

Day-9

Updating previously created plan by creating its first floor

Day-10

Creating Ground Floor Slab with Balcony Design

Day-11

Creating First Floor Slab with Parapet wall, Railing, Pardi, Tower and Porch Wall Design

Day-12

Lecture Regarding Materials & Landscaping

Day-13

Lab Sessions for Materials & Landscaping

Day-14

Lecture Regarding Camera settings, Lights and Rendering Effect
Creating Bitmap Image of Building Model

Day-15

Details for Submission Drawings
Creating Front Elevation and site plan with Dimension

Day-16

Details for Section, Location plan, Schedule of opening, Area Status etc. of Submission Drawing

Day-17

Types of Building Drawing
Understanding and making of Layout Plan, Lintel Level Plan and Slab Level Plan

Day-18

Creating Electrical Layout, Water supply, Sewerage distribution, Kitchen Drawing of Building

Day-19

Lecture regarding Plotting Guidance including plotting, printing and scaling of drawing in different sizes.

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