



Civil Designer Expert

Duration: 4 Months

(100% Placement Assistance)

Course 1: AutoCAD Civil (35 Days)

Content: Introduction To CAD, Creating Geometry tool, Manipulating Geometry Tool, Object Property & Layer Management, Creating Drawing Sheets, Dimensioning And Annotating Drawing, Setting up a layout, File Management, Plotting & Printing, AutoCAD 3D, Project Management, Parcels, Surfaces, Alignments, Profiles, Corridors, Plan Production

Course 2: Building Information Modeling using Revit Architecture (40 Days)

Content: Introduction to BIM and Autodesk Revit, Basic Drawing and Editing Tools, Starting Structural Project, Working with Views, Structural Grids and Columns, Working with Doors and Windows, Working with Curtain Walls, Working with Views, Adding Components, Modelling Floors, Modelling Ceilings & Roofs, Modelling Stairs, Railings, and Ramps, Construction Documents, Creating Tags, Schedules and Details

Course 3: Any One among 3Ds Max and Sketch Up

Option 1: 3D Modeling & Rendering using Autodesk 3DS Max & V-ray (40 Days)

Content: Introduction to Autodesk 3ds Max, Autodesk 3ds Max Configuration, Assembling Project Files, Basic Modeling Techniques, Modeling From 2D Objects, Materials, Mapping Coordinates and Scale, Introduction to Lighting, Lighting and Cameras, Exposure Control, Daylight, and Rendering, V-ray

Option 2: 3D Modeling using SketchUp & V-ray / Enscape (40 Days)

Content: Quick Start , Core Concepts, Push Pull & Accuracy, Drawing Tools, Selection & Grouping, Components and Layers, Move Tool, Follow Me and Inference Locking, Importing and Editing Textures, Creating Different Items, Exporting Options, Photorealistic Rendering, LayOut Essentials, Enscape/V-ray

➤ **Interview Preparation**

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Mob. No.: +91-9511781566 / 70381 72715, Email: training@radiancetech.org,

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