Course Description: Join our Revit Architecture training in Dubai and gain expertise in the industry-leading Building Information Modeling (BIM) software. Suitable for beginners as well as experienced users, this comprehensive course helps you develop practical skills to create accurate architectural models and projects. Benefit from insights shared by expert trainers and boost your career in the AEC field.

REVIT ARCHITECTURE

Module 1: Introduction to Revit Architecture

➢ Overview of Revit Architecture software
➢ Understanding the user interface and navigation
➢ Creating and managing project files

Module 2: Basic Drawing and Editing Tools

➢ Working with drawing and editing tools
➢ Creating and modifying basic architectural elements
➢ Understanding and adjusting object properties

Module 3: Creating and Modifying Walls

➢ Creating and modifying different types of walls
➢ Working with wall properties and constraints
➢ Adding openings and wall sweeps

Module 4: Working with Floors, Ceilings, and Roofs

➢ Creating and modifying floors, ceilings, and roofs
➢ Adjusting properties and parameters for each element
➢ Creating openings and adjusting roof slopes

Module 5: Modeling Doors, Windows, and Stairs

➢ Adding doors and windows to the architectural model
➢ Customizing door and window properties
➢ Creating and editing stairs and railings

Module 6: Working with Views and Sheets

➢ Creating and managing plan, elevation, and section views
➢ Setting up sheets for construction documentation
➢ Adding and managing viewports on sheets

Module 7: Annotation and Dimensioning

➢ Adding text, tags, and dimensions to the architectural model
➢ Customizing annotation styles and settings
➢ Creating and managing schedules for elements and quantities

Module 8: Building Information Modeling (BIM) Fundamentals

➢ Understanding the principles and benefits of BIM
➢ Setting up project templates and standards
➢ Managing project information and parameters

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Module 9: Collaboration and Worksharing

➢ Coordinating work with consultants and disciplines
➢ Working with linked files and shared coordinates
➢ Implementing worksharing and collaboration workflows

Module 10: Advanced Modeling Techniques

➢ Creating complex forms and massing studies
➢ Utilizing families and components effectively
➢ Implementing parametric design principles

Module 11: Family Creation and Editing

➢ Introduction to family creation in Revit Architecture
➢ Understanding family types and parameters
➢ Creating and modifying custom families for specific design elements

Module 12: Visualization and Rendering

➢ Applying materials and textures to enhance visualizations
➢ Setting up realistic lighting and camera views
➢ Rendering high-quality images and walkthrough animations

Module 13: Project Documentation and Printing

➢ Creating construction-ready drawings and schedules
➢ Generating accurate quantity takeoffs
➢ Setting up and printing sheets for final project documentation

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