



Technocation Freelancing Training Institute And Software House

Revit Course Certification Module

MODULE 1: Introduction to Revit

- Learn what Revit software is used for.
- Understand the basics of Building Information Modeling (BIM).
- Explore Revit interface and workspace layout.
- Know the difference between Revit Architecture, Structure & MEP.

MODULE 2: Starting a New Project

- Learn how to create a new Revit project file.
- Set up project units and templates.
- Understand project browser and properties panel.
- Save and organize your project properly.

MODULE 3: Working with Walls and Floors

- Draw and edit architectural walls easily.
- Add floors and control their levels.
- Learn wall joins and layer editing.
- Practice creating rooms with walls and floors.

MODULE 4: Adding Doors and Windows

- Insert doors and windows into your model.
- Adjust sizes and positions quickly.
- Learn about door/window families.
- Edit openings and align elements properly.

MODULE 5: Roofs, Ceilings & Stairs

- Create flat and sloped roofs easily.
- Design ceilings for each floor.
- Add and modify stairs and railings.
- Learn how to view roof in 3D mode.

MODULE 6: Furniture and Components

- Add furniture, fixtures, and equipment.
- Use preloaded Revit families.
- Adjust component height and rotation.
- Practice room setup with furniture.

MODULE 7: Levels and Grids

- Learn how to create and manage levels.
- Set up grids for building alignment.
- Understand their use in plans and sections.
- Keep all elements linked with grids.

MODULE 8: Views and Visibility

- Create floor plans, elevations, and 3D views.
- Control visibility and graphic overrides.
- Learn view templates and filters.
- Practice switching between view types.

MODULE 9: Dimensions and Annotations

- Add dimensions to walls and objects.
- Use text notes, tags, and symbols.
- Apply alignment tools for neat drawings.
- Practice annotating a full floor plan.

MODULE 10: Families and Components

- Understand Revit family types.
- Learn to load and modify families.
- Create a simple custom family.
- Save and reuse your created components.

MODULE 11: Sheets and Printing

- Prepare drawing sheets for presentation.
- Add title blocks and arrange views.
- Adjust scales and page setup.
- Learn to print or export as PDF.

MODULE 12: Schedules and Quantities

- Create door, window, and material schedules.
- Learn automatic quantity calculation.
- Format and customize tables.
- Export schedules for reports.

MODULE 13: Certification Module

- Complete a small residential or office project.
- Apply all learned Revit tools in one design.
- Submit your final model for evaluation.
- Earn your **Revit Professional Certificate**.

+92 308 514 5822

www.technocation.pk

info@technocation.pk

