

Revit Architecture Fundamentals.

Course length: 3 Days

Prerequisites: Working knowledge of AutoCAD and Architectural terminology.

Revit® Architecture is a powerful (BIM) Building Information Modeling design software that works intelligently the way that Architects think and design. The program streamlines the design process with a central 3D model from preliminary design through Development and into Construction documents. Changes made in any view automatically update in all views.

The objectives of the Revit Architecture Fundamentals course is to enable students to create a full 3D Architectural project and set them up in working drawings, using and focusing on all the basic tools found in Revit.

Overview of the course topics covered includes:

- Understanding Building Information Management (BIM) system in Revit.
- Getting to know the Revit Architecture Interface.
- Adding walls to a massing study and create a presentation sheet.
- Work with basic drawing and editing tools.
- Create Levels and Grids as datum elements in a working model.
- Create a 3D model with walls, windows and doors.
- Add floors and Roof to the building.
- Create standard and custom stairs.
- Detail Reflected Ceiling Plans with ceiling and Lighting Fixtures.
- Add component features, such as Furniture and Equipment.
- Set up sheet sets for plotting with Text, Dimensions, Details, Tags and Schedules.