

Revit Advanced Concepts



Overview

Course Length: 24 hours (*can be taken via flexible schedule in-center or remotely*)

Description: Autodesk Revit Advanced Concepts - The Complete Guide is designed to give you a solid understanding of Revit and its advanced concepts. It emphasizes construction modeling and assembly techniques, design options, presentation views, and scheduling and tags. Also, the course covers the various stages involved in conceptual design and projects and setting management.

Revit Advanced provides tools specific to structural design for buildings and infrastructure projects. This course is specially meant for professionals in structural engineering, civil engineering and allied fields in the building industry. It helps them improve multidiscipline coordination by using crucial information from architectural and engineering files, whether from Revit models or from 2D file formats, delivering a more reliable model for more efficient and more accurate design and documentation.

Course Objectives/Topics

New for Revit

Construction Modeling

Construction Modeling
Assemblies

Phases and Design

Phases and Design
Design Options

Site Tools and Design Analysis

Site Tools
Energy and sun

Presentation Views

Presentation Views
Using Decals and Shadows

Schedules and Tags

Tags
Schedules

View Graphics

Visibility
Overrides

Renderings and Walkthrough

Sun Settings
Rendering

Project and Setting Management

Organization
Project Management
Settings Management

Walls and Curtain Walls

Curtain Walls
Walls

Conceptual Design

Conceptual Mass
Forms
Divided Paths and Surface
Mass Elements

Practical practice and Projects

Put what you learned to use. Put it all together with a final project of your choosing.

Prerequisites

No prerequisites are required, but experience with architectural design, drafting or engineering experience is helpful.

Audience

New users to Autodesk Revit.