



REVIT STRUCTURE – FUNDAMENTALS

COURSE DESCRIPTION

To take full advantage of Building Information Modeling, the Autodesk Revit Structure Fundamentals course has been designed to teach the concepts and principles from building design through construction documentation using the Autodesk Revit Structure software. This course is intended to introduce students to the user interface and the basic building components of the software that makes it a powerful and flexible structural modeling tool. The goal is to familiarize you with the tools necessary to create, modify, analyze, and document the parametric model

TOPICS COVERED

- Introduction to the Autodesk Revit software
- Basic drawing and editing tools
- Setting up levels and grids
- Working with views
- Starting a structural project based on a linked architectural model
- Adding structural columns and walls
- Adding foundations and structural slabs
- Structural reinforcement
- Beams, trusses, and framing systems
- Analytical models and placing loads
- Project practices to reinforce learning
- Construction documents
- Annotating construction documents
- Detailing
- Scheduling

COURSE DURATION

3 days

PRE-REQUISITES

This course introduces the fundamental skills in learning how to use the Autodesk Revit Structure software. It is highly recommended that students have experience and knowledge in structural design and its terminology.