



Revit Structure Training Program

Who can do?

- Matriculation people who like to learn REVIT Software.
- Working people in civil, architects, Interior designing who are willing to learn new methodologies of REVIT 2D and 3D.
- Who want to get good and reputable jobs in the market and are like to enhance their skills in REVIT Software.

**100,000+ Students
have been Trained**

since
1997

**Program is
offered by**

**3D EDUCATORS
INTL**
22 Years of
Excellence in
Training &
Development

**Invest in
People the
only Asset
that Appreciates**



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Revit Structure Course

Inauguration

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Revit Structure is a BIM software that help you in a parametric modeling environment to design steel and concrete structures. Revit offer an integral system to design in association with architecture and engineering teams.

The Training Program will be inaugurated by a senior member of 3DEducators.

Program Structure

No of classes per week	01 Class
Duration of each class	02 – Hour

- Complete tools of REVIT Structure
- Designing on 2D and 3D
- 3D Modeling and Techniques
- Parametric Modeling
- Collaborate in Real Time
- Stay Coordinated
- Interactive Visualization
- Steel Detailing
- Working with Files and Objects
- Transforming Objects
- Overview Lab

Other Learning Activities

Classroom Assignments	02
Presentations by Trainees	01
Total Labs	16
Final Project	01

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Specific Objectives:

The goal is to teach the student to create, modify, analyze and document their structural parametric model. The student will learn how to create levels, work with walls, sections, elevations and create floor framing, roofs, steel frames, foundation slabs, footings, grade beams and stairs. The students will learn to prepare and use analytical models that content information of Structural Columns, Structural Framing elements (such as beams and braces), Structural Floors, Structural Walls, and Structural Foundation elements.

Revit Structure Course Outline - Concrete and Steel

Chapter 1: Introduction to BIM and Autodesk Revit

- BIM and Autodesk Revit
- Overview of the Interface
- Starting Project
- Viewing Commands

Chapter 2: Basic Sketching and Modify Tools

- Using General Sketching Tools
- Editing Elements
- Working with Basic Modify Tools
- Working with Additional Modify Tools

Chapter 3: Starting Structural Projects

- Linking and Importing CAD Files Linking in Revit Models
- Setting Up Levels



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Chapter 4: Structural Grids and Columns

Adding Structural Grids
Placing Structural Columns

Chapter 5: Foundations

Modeling Walls Adding
Wall Footings
Creating Piers and Pilasters
Adding Isolated Footings

Chapter 6: Structural Framing

Modeling Structural Framing
Modifying Structural Framing
Adding Trusses

Chapter 7: Working with Views

Setting the View Display
Duplicating Views
Adding Callout Views
Elevations and Sections

Chapter 8: Adding Structural Slabs

Modeling Structural Slabs
Creating Shaft Openings

Chapter 9: Structural Reinforcement

Structural Reinforcement Adding Rebar
Modifying Rebar
Reinforcing Walls, Floors, and Slabs



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Chapter 10: Structural Analysis

Preparing Projects for Structural Analysis
Viewing Analytical Models
Adjusting Analytical Models
Placing Loads

Chapter 11: Creating Construction Documents

Setting Up Sheets
Placing and Modifying Views on Sheets
Printing Sheets

Chapter 12: Annotating Construction Documents

Working with Dimensions
Working with Text
Adding Tags
Adding Detail Lines and Symbols
Creating Legends

Chapter 13: Creating Details

Setting Up Detail Views
Adding Detail Components
Annotating Details

Chapter 14: Scheduling

Structural Schedules
Graphical Column Schedules
Working with Schedules

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ONLINE LIVE CLASSES FACILITY AVAILABLE

- Instructor Led Training
- Real Time Presentations
- Interactive Classes
- Complete Notes and Other Stuff shall be provided through our Secure Student Login Member's Area
- For Online Live Classes, you may please download the Admission Form through our website <http://www.3deducators.com>. Fill it properly and attached the required document along with Picture and send back to info@3deducators.com with scanned fee submitted voucher in the bank.
- For Pakistan you may submit the fee at any MCB Branch with the title of "3D EDUCATORS-TRAINERS & CONSULTANTS".
- If you are outside Pakistan then you may transfer via Bank to Bank or any western union, Fast Track, Money Gram or else International Transfer Body.
- After Admission, if you don't have GMAIL Account then you are requested to kindly make one GMAIL Account and shared it info@3deducators.com. Then further correspondence shall be made by our institute official.
- Extra Bandwidth Charges shall be incurred.

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PRECAUTIONARY MEASURES

- During Classes, you are requested to make sure that you are in isolated room, where no noise should be there except your voice.
- Kindly Switch Off your Cell Phone during the class, because it will disturb the quorum of class.
- If you have taken the admission in the course online lonely, then ethically it is recommended and suggested that you alone in the class.
- Recording of Lectures are not allowed at your end.

This world is emerging and growing in the 21st Century very rapidly because of latest and remarkable technologies and its advancement. Due to advancement of technology, we 3D EDUCATORS offer Live Interactive class sessions

3D EDUCATORS believe on Information Technology and its systems. Now you can also avail this facility at your home.

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Get the Admission Form

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TRAINERS & CONSULTANTS**