REVIT STRUCTURE
Our specially conceptualized Autodesk Revit Structure course has been aimed to give you a complete understanding of Revit Structure functions, features and capabilities right from the basic concepts to advanced and complex elements of software.

This course covers every aspect of the Revit user including but not limited to setting the structural-project, editing-tools, details & schedules, standard-views and 3D views and more.
Located at the heart of Dubai

**Learners Point** is a well-recognized institute in corporate and individual training in the MENA region and has contributed to the career success of more than 110,000 professionals since its founding in 2001. We are ISO 9001:2015 quality management system certified.

Our training institute is licensed by the Government of Dubai, UAE, and our certifications are widely recognized by employers around the globe.

We are also associated with CPD UK, the premier accreditation service provider in the United Kingdom.
Objectives

You will learn to create the detailed drawings and schematics for large-scale buildings and structures, bridges, and many other public works. By combining your engineering skills, you will be able to design not only aesthetically pleasing but functionally safe structure.
Course outline

- Introduction to BIM and Autodesk Revit
- Sketching and modify tools - using general sketching tools
- Starting structural projects - linking and importing CAD files

- Structural grids & columns - adding structural grids
  Foundations - modelling walls
  Structural framing - modelling structural framing
  Working with views - setting the view display

- Adding structural slabs - modelling structural slabs
- Structural reinforcement - structural reinforcement
- Structural analysis - preparing projects for structural analysis
- Project - concrete structure start a structural project

- Creating construction documents - setting up sheets
- Annotating construction documents (working with dimensions)
- Creating details - setting up detail views
- Scheduling - structural schedules
1. Introduction to BIM and Autodesk Revit
   - BIM and Autodesk Revit
   - Overview of the interface
   - Starting projects
   - Viewing commands

2. Sketching and Modify Tools - Using General Sketching Tools
   - Editing elements
   - Working with basic modify tools
   - Working with additional modify tools

3. Starting Structural Projects - Linking and Importing CAD Files
   - Linking in Revit models
   - Setting up levels
   - Copying and monitoring elements
   - Coordinating linked models
4 Structural grids and columns - adding structural grids
   • Placing structural columns foundations - modelling walls
   • Adding wall footings
   • Creating piers and pilasters
   • Adding isolated footings

5 Structural framing - modelling structural framing
   • Modifying structural framing
   • Adding trusses

6 Working with views - setting the view display
   • Duplicating views
   • Adding callout views
   • Elevations and sections
Course outline

7 Adding structural slabs - modelling structural slabs
   • Creating shaft openings

8 Structural reinforcement - structural reinforcement
   • Adding rebar
   • Modifying rebar
   • Reinforcing walls, floors, and slabs

9 Structural analysis - preparing projects for structural analysis
   • Viewing analytical models
   • Adjusting analytical models
   • Placing loads
10 Project - concrete structure
   start a structural project
   - Create foundation elements
   - Frame a concrete structure

11 Creating construction documents - setting up sheets
   - Placing and modifying views on sheets
   - Printing sheets

Course outline
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12 Annotating construction documents (working with dimensions)
- Working with text
- Adding tags
- Adding detail lines and symbols
- Creating legends

13 Creating details - setting up detail views
- Adding detail components
- Annotating details

14 Scheduling - structural schedules
- Graphical column schedules
- Working with schedules
We, at Learners Point, take immense pride in our teaching methods and instructors. Our instructors are some of the best experts from their fields and employ a practical approach to learning. Many of them are globally recognised and have a diverse set of experience in their field of expertise. You are always sure to have the best in the industry as your teachers who are ready to guide you at every step and make the experience informative yet enjoyable. Apart from the focus on learning your chosen course, our instructors also encourage students to develop communication skills and interpersonal skills necessary to excel in the practical world. We offer one of the best Revit Structure courses in Dubai.

Our cutting edge teaching methods make every program an immersive and productive experience for the learners. Our learning methods are research-driven and are continuously updated to stay relevant to present times as well as the future. You will enjoy practical applications of everything learned through theory and regular mock examinations to help monitor your progress. Our courses are led by an instructor in a classroom setup and we do offer online high-quality sessions as well for individuals. We also monitor the training sessions with a progress tracker to maintain high standards of instruction & ethics.
Fiore Creado
“My overall experience was wonderful with Learners Point team. Our trainer knew in and out of the subject and shared a lot of insights which can help me at my workplace to be more effective. Moreover, it was a good opportunity to network with people of same interest. Thank you Leaners Point and I recommend this program to all who would to excel at their work-place.”

Anu Agarwal
“The program’s content was so well structured that it helped me grasp concepts very new to me. I would definitely endorse the program for its rich content and comprehensive approach to the program.”