



TECH ACADEMY

Revit Specialist Structure

Overview This 48-hour course is designed to teach the core Revit Structure functionality as you would work with it in the design process and develop the knowledge and skills to support the delivery of a project using BIM. The Instructor-led training focuses on the Fundamental tools that the majority of users need to work and leads into Advanced topics.

Who Should Attend Engineers, Designers, Modellers, Project Coordinators, Students and anyone looking to validate their software proficiency for further studies, career upgrade, or taking on BIM project roles.

Trainer Autodesk Certified Instructor with over 5 years of training experience

Week 1: Introduction to Revit

- Introduction to BIM
- Revit Workflow
- LOD
- Hardware Specification
- Revit Extension
- File type (.RVT, .RFA, .NWD, .DWG,)
- File Location,
- User Interface
- Properties
- 2D & 3D
- Link
- Selection & Control
- View Control
- Filter
- Category
- Import & Export
- Datum
- Grid & Level
- Reference Line
- Dimension
- Short cut

20,000
THB/Person

Time: 09.30 - 17.30

Duration: 48 hours

Language: ภาษาไทย

Venue: MTECH training room
6th Floor, Thanapoom Tower
1550 New Petchburi Road,
Makkasan, Ratchtevee,
Bangkok, Thailand 10400





Week 2: Revit Structure(RC)

- Ref plane
- Foundations
- Floors
- Basic Walls
- Stack Walls
- Curtain Walls
- Stairs
- Structural framing
- Framing system

Week 3: Revit Structure (STEEL)& Family Creation

- Steel Roof and purlins
- Truss
- Cope
- Steel Setting
- Bracing
- Family Type
- Categories
- Instance
- Family parameter
- Modify Family
- Create Foundation Family

Week 4: Family Creation & Share Parameter

- Plan Views
- Elevation Views
- Section Views
- Callout Views
- Perspective 3D Views
- Schedules or Quantity
- Specifying Schedule
- Properties
- Reusing Schedule Views
- Dimensions
- Detail Views
- Drafting Views

Week 5: Steel Connection, Rebar & Stirrup

- Rebar Shape
- Rebar Covering
- Rebar Setting
- Steel Connection Setting
- Plate
- Bolt,
- Weld



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