

Revit Specialist Architecture

Overview This 48 hour course is designed to teach the core Revit Architecture 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 which prepare the student to undertake the Autodesk Revit Certified professional Examination.

Who Should Attend Architects, 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: Interface & Basic control

- 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 Plane
- Reference Line
- Dimension
- Short cut

Week 2: Project Setting & Modelling

- File Structure
- Unit
- Project Environmental Setting
- Template
- View Preparation
- Sketch Mode
- System Family Structure
- Wall
- Floor
- Ceiling
- Roof
- Column
- Curtain System
- Stair



24,000 THB/Person

Time: 09.30 - 17.30

Duration: 48 hours

Language: ภาษาไทย

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

- Railing
- Opening
- Room
- Area
- Decal
- Material Setting
- Joint Geometry
- Selection Setting
- Group
- Design option
- Spit face
- Paint
- Model in Place
- Model Text
- Model line
- Rendering

Week 3: Detail annotation & Documentation

- Project Parameters
- Depth cueing
- Scheduling
- Revision
- Title Block
- Tag
- Symbol
- Legend
- Color Scheme
- Detail item
- Repeat Detail item
- Detail line
- Text
- Drafting View
- Import View
- View Range Line Weights setting
- Object Style
- Region
- Line work Purge
- Transfer Project parameter
- Exporting
- Print Option
- Camera
- Image

Week 4: Family Creation & Share Parameter

- Loadable Family
- Family Category
- Omni class
- Basic Geometry Creation Tool
- Parameter Setting
- Instance & Type Parameter
- Discipline
- Type of Parameter
- Group Parameter Solid & Void
- Control
- Nest Family
- Detail level
- Coase
- Medium

- Fine
- Family Creation from Import Object
- Import Setting
- Advance Family Setup
- Share Parameter
- Autodesk seeks

Week 5: Mass, Site, Analysis, Collaboration

- Project North
- True North
- Location
- Project Base point
- Survey point
- Properties Line
- Topography
- Pad
- Split Surface
- Merge Surface
- Sub region
- Graded Region Label Contour
- Scope box
- In place Mass
- Warning Check
- Analysis
- A360 Setting
- Central Model Sync. Add-in
- Rendering in Cloud

Week 6: Revit Certified Professional Preparation

This class will focus on preparing the student for the Autodesk Revit Certified Professional Examination. Examples of sample questions will be presented along with a guide to the topics to be included in the examination.

- Exam Overview
- Sample Questions
- Practice Questions

Revit Certified Professional Exam

The Autodesk Revit Certified Professional Examination is 3 hours in duration and students are presented with 35 questions (80% to Pass).

Exam objectives:

- Collaboration
- Documentation
- Elements
- Modeling
- Views



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