



Three-day, hands-on course covering the fundamentals of designing and modeling buildings within an intelligent, integrated Building Information Model. Going beyond basic picks and clicks training, our industry-experienced instructors focus on the design and documentation process within Revit to reinforce Architectural workflows. Learn how to use the powerful tools within Revit Architecture to create a coordinated BIM model

Prerequisite: Basic knowledge of Windows Operating System, drafting techniques, and computer keyboard skills.



Course Outline

Course Objectives

Gain an understanding of the BIM concepts that will dramatically increase project efficiency. Using our proven instructor-led method, we will provide architects, designers, and drafters with the information and skills needed to streamline the design process through the use of a coordinated Revit model.

To ensure confidence in your new skills, we extend your classroom training with 90 days of free follow-up support on all class material.

Course Outline Day 1

Building Information Modeling

- Building Information Modeling

Revit Architecture Basics

- Exploring the User Interface
- Introduce the different Revit Elements and Families
- Starting a Project

Starting a Design

- Adding and Modifying Levels
- Adding and Modifying Grids

The Basics of the Building Model

- Adding and Modifying Walls
- Using Revit Editing Commands
- Adding and Modifying Doors
- Adding and Modifying Windows

Loading Additional Building Components

- Adding Loadable Component Families to a Project

Day 2

Developing the Building Model

- Adding and Modifying Floors
- Adding and Modifying Ceilings
- Adding and Modifying Roofs
- Adding Curtain Walls

Viewing the Building Model

- Managing Views
- Controlling Object Visibility
- Creating and Modifying Section and Elevation Views
- Creating and Modifying 3D Views

Using Dimensions and Constraints

- Placing Dimensions and Tags
- Applying and Removing Constraints

Day 3

Working In Teams

- Working With CAD Import/ Link Files
- Getting Started with Worksharing

Detailing and Drafting

- Creating Callout Views
- Working with Detailed Views
- Working with Drafting Views

Construction Documentation

- Creating and Modifying Schedules
- Creating Rooms and Room Schedules
- Placing Text, Tags & Keynotes

Presenting the Building Model

- Working with Drawing and Printing Sheets
- Working with Titleblocks

Time Permitting:

- Creating Vertical Openings
- Creating Basic Renderings

Note: Outlined topics and daily schedule may be modified slightly per instructor's discretion and class structure.

Locations: Cebu

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