



RevCourse

REVIT INTERMEDIATE



This two day intermediate course will focus on Revit Families. The course will take you step by step through the process of modeling a complex parametric joinery unit, demonstrate how to create detail families, custom tags, curtain walls and more. Understanding these key principles will greatly enhance your productivity.

CONTENT

This course will focus on Revit families. Through creating a customized joinery unit you will learn how to control visibility parameters, nest objects, add material parameters and learn the logic behind how families are controlled.

OUTCOME

On completion of this course you will have a strong understanding of the advanced features of Revit, as well as the principles of family creation. You will be able to design parametric joinery and create custom annotations.

SUITED TO

Designed for anyone wanting to develop existing skills in 3D modelling, computer-aided design and documentation using Autodesk REVIT.

PREREQUISITES

Participants should have completed RevitCourse Level 1 or have a working knowledge of Revit.

COURSE MATERIAL

Students will be given a comprehensive Autodesk Revit Architecture course guide from which they can continue further study after the completion of the course.

MATERIALS TO BRING

Please bring a pen, paper and a 4GB+ USB

AWARD

Students will receive a certificate of participation (80% attendance required)

ANNOTATIONS

Creating Custom Door Tags
Creating custom Elevation Tags
Customising Level Heads

DETAIL FAMILIES

Creating Custom Footing Detail
Instance Parameters and Fill patterns

CREATING A COMPLEX JOINERY UNIT

Creating Carcass
Creating Doors
Creating Door Handles
Questions
Nesting Objects
Creating Draws and Visibility Parameters
Creating Opening Swings with Annotations Lines
Creating Controllable Open Swings In Plan
Adding Material Parameters
Creating Joinery On Angular Reference Planes
Creating Custom Openings with Void Objects
Key Noting Family
Questions

PROJECT ENVIRONMENT

Titleblocks
Worksets
View Templates
Scheduling Material Take Off
Advanced Filtering
In Place Families

SHARED PARAMETERS

Creating A Custom Window
Scheduling Shared Parameter
Light and Ventilation calculations

CURTAIN PANELS

Creating Curtain Panels
Creating Curtain Panel Systems
Creating Custom Mullions
Adaptive Components and Massing

CUSTOM PROFILES

Creating custom gutters
Creating Custom Fascias
Creating wall sweeps

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