

Revit Architecture Interior Design

Duration:

2 days

This course is intended primarily for Interior designers using the Revit Architecture platform.

NB - The modules in the course are largely independent of one another. Depending on the time available and the needs of a particular class, the instructor can therefore choose to focus on certain modules and omit others. Also, at this advanced level, some of the topics within each module tend to be highly specialised (e.g., vertically compound walls or complex railing patterns). These can be covered or not depending on the interests of the class and the schedule.

Course Objectives:

- Describe the benefits of Building Information modelling
- Using fundamental features of Revit Architecture
- Use of parametric 3D design tools to design projects
- Create detailing and drafting views
- Create construction documentation
- Use presentation tools for design visualisation

Prerequisites:

It is recommended that the student have a working knowledge of:

- Basic CAD knowledge and interior design experience.
- Experience with Microsoft and Windows operations



Revit Architecture Interior Design Course Outline:

Day 1

Introduction

- Advantages of BIM for Interior Designers
- Creating the Design Model
- Importing CAD files as base
- Preserving Design Intent using Constraints
- Using the standard library files
- Adapting standard library components to specific purposes
- Modelling free form shapes

Visualising the design

- Creating elevation views
- Creating 3D views
- Materials
- Interior rendering
- Walkthroughs
- Using Shadows
- Exporting to CAD
- Selection filters
- Design Stage vs contract stage modelling

Day 2

Detailing the design

- Using design options
- Visibility settings
- View filters
- View templates
- Importing standard details
- Creating details using the model as a base
- Creating details from scratch
- Detail components
- Grouping
- Creating materials
- Using the paint bucket
- Using material take-offs
- Keynoting

Working together

- Work Sharing
- File Linking
- Importing and Exporting DWG
- Using Room data / Room tags
- Using areas
- Scheduling

