

## Revit® Essentials for Interior Design

This course is specifically designed for Interior Designers and design professionals focused on non-structural interior projects—those involved in defining the aesthetic, functional, and habitable qualities of an interior space. You will gain the precise Revit skills needed to focus on the interior environment, enabling seamless collaboration with external architectural and engineering teams.

**Prerequisite:** To master the fundamental skills for utilizing Autodesk Revit's Interior tools. Prior knowledge of architectural and interior design terminology is highly recommended to maximize your learning experience.

**Course Length:** 3 Days (*In-Person*) | 4 Days (*Online*)

### Key Skills You Will Learn:

- **Building Information Modeling:** Understanding the purpose of Building Information Modeling (BIM) and how it is applied in the Autodesk Revit software.
- **Revit Fundamentals:** Navigate the interface, manage views, and understand the critical concept of Revit Families and components.
- **Project Setup:** Start an Interior project, link architectural models, and establish essential datums (levels and grids).
- **Working with Core Sketch & Modify Tools:** Apply core sketching and modifying tools to build dimensionally accurate interior models.
- **Working with View Tools:** Creating callout, additional plans sections, and elevations.
- **Develop Custom Materials:** Create accurately materials and apply them to project elements for realistic representation.
- **Core Modeling:** add interior architectural elements, such as demising walls, ceilings, floors, windows, and doors.
- **Adding Interior Components:** Placing components for casework, furniture, and plumbing.
- **Space Planning:** Perform space planning and area analysis using room layouts and associated tools.
- **Design Options:** Generate and manage multiple design options to explore and present alternative project solutions.
- **Construction Documentation:** Mastering the final documentation phase, which includes setting up drawing sheets, placing and modifying views, and managing title blocks.
- **Annotation and Output:** Producing clear, professional drawings by working with dimensions, text, annotations, schedules, and tags.

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# Course Outline



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### Introduction to Revit:

- BIM and Revit
- Overview of the Interface

### Starting an Interior Design Project:

- Selecting a Project Template
- Linking and Importing Files
- Linking in Revit Models
- Modifying Imported/Linked Files
- Setting Up Levels

### Working with Views:

- Duplicating Views
- Modify How the View Displays
- Adding Callout Views
- Creating Interior Elevations and Sections
- Creating Perspective Views
- Working with Graphic Display Options

### Basic Sketching and Modify Tools:

- Adding General Building Elements
- Working with Basic Modify Tools
- Working with Additional Modify Tools

### Revit Families:

- About Revit Families
- Loading/Adding Components
  - Casework, Furniture, Plumbing, etc.

### Modeling Walls:

- Modeling Walls
- Modifying Walls
- Compound Walls
- Manually Placing Wall Sweeps and Reveals
- Embedded Walls

### Adding Rooms and Areas:

- Room Element
- Area Analysis
- Creating Color Schemes

### Working with Doors:

- Adding and Modifying Doors
- Modeling Floors
- Modeling and Editing Floors

### Modeling Ceilings:

- Modeling Ceilings
- Adding Ceiling Fixtures
- Creating Ceiling Soffits

### Working with Materials:

- Materials and Material Libraries

### Design Options:

- Using Design Options
- Creating Construction Documents:
  - Setting Up Sheets
  - Placing and Modifying Views on Sheets
  - Modifying Views and View Titles

### Working with Annotations:

- Working with Dimensions
- Working with Text

### Adding Tags and Schedules:

- Adding Tags
- Working with Schedules
- View List Schedules
- Creating Key Schedules

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