



# OVERVIEW OF COURSE



## Autodesk Revit Interior Design Fundamentals

**Course Length: 4 days**

The intent of this course is to provide the interior design student a well-rounded knowledge of Autodesk Revit tools and techniques. These skills can then be applied to enhance professional development in both academia and industry. Each book used in the training also includes access to nearly 100 video tutorials designed to further help you master Autodesk Revit.

The overall premise of the course is to help you learn Revit while developing the interior of a two-story law office. At the start of the course, you are provided an architectural model with established columns, beams, exterior walls, minimal interior walls and roofs in which to work. This allows more emphasis to be placed on interior design rather than primary architectural elements. The chapters' chronology generally follows the typical design process. You will find this course helps you more accurately and efficiently develop your design ideas and skills.

### Topics include:

- The basics of opening, saving and creating a new project
- Introduction to modeling basic elements, including walls, doors, windows and more
- Developing the interior space with an established space program
- View and navigate within the provided 3D architectural model
- Manage and create materials and develop spaces with walls, doors and window
- Revit commands and workflows
- Model floor finishes, ceilings with soffits, casework, custom reception desk, restrooms, furniture and light fixtures
- Additional features such as tags, schedules and photorealistic rendering

### Prerequisites

None



# OVERVIEW OF COURSE

## Table of Contents

### Getting Started with Autodesk Revit

- 1-1 What is Revit 2019?
- 1-2 Overview of the Revit User Interface
- 1-3 Open, Save and Close a Revit Project
- 1-4 Creating a New Project
- 1-5 Using Revit's Help System
- 1-6 Introduction to Autodesk

### Model Navigation

- 2-1 Using Zoom and Pan to View Your Drawings
- 2-2 Creating 2D Sections
- 2-3 Navigating the 3D Model

### Small Office

- 3-1 Walls, Grids and Dimensions
- 3-2 Doors
- 3-3 Windows
- 3-4 Roof
- 3-5 Annotation, Room Tags & Schedules
- 3-6 Printing

### Revit Materials

- 4-1 Introduction to Using Materials in Revit
- 4-2 A Detailed Look at Revit Materials
- 4-3 Revit Materials Concepts Applied – Part 1
- 4-4 Revit Materials Concepts Applied – Part 2
- 4-5 Revit Materials and Custom Parameters

### Programming

- 5-1 Introduction to Schedules
- 5-2 Law Office Space Program
- 5-3 Developing Bubble Diagrams

### Floor Plans

- 6-1 Walls



# OVERVIEW OF COURSE



- 6-2 Rooms
- 6-3 Floor Plan Development
- 6-4 Placing Room Elements in the Model

## Curtain Wall

- 7-1 Curtain Wall
- 7-2 Developing the Interior Fenestrations

## Stairs and Railings

- 8-1 Introduction to Stairs
- 8-2 Introduction to Railings
- 8-3 Modeling the Stairs

## Ceilings

- 9-1 Introduction to Revit Ceilings
- 9-2 Modeling Ceilings

## 10. Break Room and Work Room

- 10-1 Tagging
- 10-2 Shared Parameters
- 10-3 Casework Content 10-16
- 10-4 Work Room 10-23
- 10-5 Lunch Room

## Toilet Room Design

- 11-1 Toilet Room Layout Introduction
- 11-2 Toilet Room Layout
- 11-3 Toilet Room Wall Finishes
- 11-4 Level 2 Private Toilet Rooms

## Floors

- 12-1 Introduction to Revit Floors
- 12-2 Modeling Floor Finishes – Carpet
- 12-3 Modeling Floor Finishes – Ceramic Tile, Sheet Goods, Etc.

## Custom Reception Desk and Sign

- 13-1 Creating a Custom Reception Desk



# OVERVIEW OF COURSE

- 13-2 Lobby Wall Sign
- 13-3 Controlling the Graphical Representation of Elements

## Furniture, Groups and Design Options

- 14-1 Furniture Content
- 14-2 Furniture Placement
- 14-3 Design Options

## Introduction to Detailing

- 15-1 Introduction to Detailing
- 15-2 Live Detail – Reception Desk

## Schedules

- 16-1 Room Finish Schedule
- 16-2 Furniture Schedules
- 16-3 Floor Finish Schedule

## Lighting and Rendering

- 17-1 Lighting Design
- 17-2 Creating a Rendering of the Lobby
- 17-3 Rendering an Isometric in Section
- 17-4 Creating another Interior Rendering
- 17-5 Adding People to the Rendering
- 17-6 Rendering Tips and Tricks

## Sheets and Revisions

- 18-1 Creating Sheets
- 18-2 Creating a Sheet Index
- 18-3 Presentation Boards
- 18-4 Printing a Set of Drawings
- 18-5 Managing Construction Phase Revisions

## Introduction to Phasing and Worksharing

- 19-1 Introduction to Phasing
- 19-2 Introduction to Worksharing
- 19-3 Phasing

## Introduction to Revit Content Creation





# OVERVIEW OF COURSE



- 20-1 Basic Family Concepts
- 20-2 The Box: Creating the Geometry
- 20-3 The Box: Adding Parameters
- 20-4 The Box: Formulas and Materials
- 20-5 The Box: Family Types and Categories



# OVERVIEW OF COURSE



## Cancellation Policy

The following cancellation policy shall apply to all training engagements, Live Online, Onsite, Consulting Services and Dedicated/ Custom Training:

- Company reserves the right to reschedule or cancel the date, time and location of its class at any time. In the event that a Training Class is cancelled by Company, Customer is entitled to a full refund. Company shall not be responsible for any other loss incurred by Customer as a result of a cancellation or reschedule.
- For Customer cancellations when written notice is received at least ten (10) business days in advance of the class, the Customer is entitled to a full refund of its payment or reschedule enrollment less than ten (10) business days, Customer shall not be entitled to a refund, but shall receive a class credit to be used within three (3) months of the date of the original class.
- Student substitutions are acceptable with at least two (2) days prior notice to the class, provided substitution meets course prerequisites and is approved by Company's Training Coordinator. ([training@dezinext.com](mailto:training@dezinext.com))
- For all Training orders, cancellation notices must be submitted to [training@dezinext.com](mailto:training@dezinext.com). Company is not responsible for any error in the delivery of the email notice. In the event of any reschedule of Onsite training and/or Consulting Services and/or Dedicated/Custom Training by Customer, Company will invoice Customer for all non-cancellable travel expenses.

To request more information or view other courses available, visit [www.dezinext.com](http://www.dezinext.com).