BIMLIFE
UNIVERSITY

Autodesk® Revit® Architecture Fundamentals 2017

3- Day BIM Modeling Course

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Page **2** of **6**

Course Outline

Chapter 1 Introduction to BIM and Autodesk Revit

1.1 BIM and Autodesk Revit

1.2 Overview of the Interface

1.3 Starting Project

1.4 Viewing Commands

Chapter 2 Basic Drawing and Modify Tools

2.1 Using General Drawing Tools

2.2 Editing Elements

2.3 Working with Basic Modify Tools

2.4 Working with Additional Modify Tools

Chapter 3 Setting up Levels and Grids

3.1 Setting up levels

3.2 Creating grids

3.3 Adding columns

3.4 Linking and importing CAD Files

Chapter 4 Modelling walls

4.1 Modelling walls

4.2 Modifying walls

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Page **3** of **6**

Chapter 5 Working with doors and windows

5.1 Inserting Doors and windows
5.2 Loading Door and window types from the library
5.3 Creating Additional Door and Window sizes

Chapter 6 Working with curtain walls

6.1 Creating curtain walls
6.2 Adding curtain grids
6.3 Working with curtain wall panels
6.4 Attaching mullions to curtain grids

Chapter 7 Working with Views

7.1 Setting the View Display
7.2 Duplication Views
7.3 Adding Callouts Views
7.4 Elevations and Sections

Chapter 8 Adding components

8.1 Adding components
8.2 Modifying components

Chapter 9 Modelling Floors

9.1 Modelling Floors
9.2 Creating Shaft Openings
9.3 Creating Sloped Floors

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Page **4** of **6**

Chapter 10 Modelling ceiling

10.1 Modelling ceilings

10.2 Adding ceiling Fixtures

10.3 Creating ceiling soffits

Chapter 11 Modelling roofs

11.1 Modelling roofs
11.2 Creating roofs by footprint
11.3 Creating roofs by extrusion

Chapter 12 Modelling stairs, railings and ramps

12.1 Creating component stairs

12.2 Modifying component stairs

12.3 Working with railings

12.4 Sketching customs stairs

Chapter 13 Creating Construction Document

13.1 Setting up sheets

13.2 Placing and modifying views on sheets

13.3 Printing sheets

Chapter 14 Creating Details

14.1 Working with Dimension

14.2 Working with text

14.3 Adding detail lines and symbols

14.4 Creating legends

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Page **5** of **6**

Chapter 15 Adding Tags and Scheduling

15.1 Adding tags

15.2 Adding Rooms and tags

15.3 Working with Schedules

Chapter 16 Create Details

16.1 Setting up details views

16.2 Adding details components

16.3 Annotating details

16.4 Keynoting and keynote legends

Course Enquiries

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