BIMLIFE UNIVERSITY

Autodesk® Revit® MEP

Fundamentals 2017

3- Day BIM Modeling Course

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Course Outline

Chapter 1 Introduction to BIM and Autodesk Revit

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1.3 Starting Project

1.4 Viewing Commands

Chapter 2 Basic Drawing and Modify Tools

2.1 Using general drawing Tools

2.2 Inserting components

2.3 Selecting and editing elements

2.4 Working with basic modify Tools

Chapter 3 Starting MEP Projects

3.1 Linking and Importing CAD Files

3.2 Linking in Revit Models

3.3 Setting up Levels

3.4 Copying and Monitoring Elements

3.5 Coordination Review

Chapter 4 Starting systems project

4.1 Linking in Revit models

4.2 Setting up levels

4.3 Copying and monitoring elements

4.4 Batch copying fixtures

4.5 Coordinating linked models

Chapter 5 working with view

5.1 Setting the view display

5.2 Duplicating views

5.3 Adding callout views

5.4 Creating elevations and sections

Chapter 6 Space and zones

6.1 Preparing a model for spaces

6.2 Adding spaces

6.3 Working with spaces

6.4 Creating zones

6.5 Creating color schemes

Chapter 7 Energy Analysis

7.1 Preparing a project for energy analysis

7.2 Analysing the heating and cooling loads

7.3 Exporting for secondary analysis

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8.2 Adding Ducts and pipes

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Chapter 9 Plumbing Networks

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9.4 Adding Fire protection new works

Chapter 10 Advanced systems for HVAC and Plumbing

10.1 Creating and modifying systems

10.2 Creating Automatic layouts

10.3 Testing systems

Chapter 11 Electrical systems

11.1 About Electrical systems

11.2 Placing Electrical components

11.3 Creating electrical circuits

11.4 Setting up panel schedules

11.5 Testing Electrical Layouts

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Chapter 14 Adding tag and schedule

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Chapter 15 Creating details

15.1 Setting up details views

15.2 Adding details components

15.3 Annotating Details

Course Enquiries

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