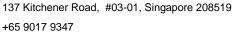


# Autodesk® Revit® Architecture Advanced 2017

**3- Day BIM Modeling Course** 







hello@bimlife.com



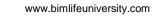
© 2017 BIMLife University. All rights reserved.

No part of this material may be reproduced in any form or by any means without permission in writing from BIMLife University.

BIMLife University BIMLife 137 Kitchener Road Singapore 208519













## **Course Outline**

## **BIM Management: Template and Family Creation**

## **Chapter 1 Creating Custom Templates**

- 1.1 Preparing Project Templates
- 1.2 Customizing Annotation Types
- 1.3 Creating Title Blocks
- 1.4 View Templates

#### **Chapter 2 Schedules**

- 2.1 Introduction to Schedules
- 2.2 Creating Building Component Schedules
- 2.3 Modifying Schedules Appearance
- 2.4 Creating Key Schedules
- 2.5 Advanced Schedule Options
- 2.6 Creating Material Take-off Schedules

## **Chapter 3 Custom System Families**

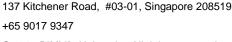
- 3.1 Creating Wall, Roof, Floor, and Ceiling Types
- 3.2 Vertically Compound Walls
- 3.3 Stacked and Embedded Walls
- 3.4 Creating MEP System Families











www.bimlifeuniversity.com



## **Chapter 4 Component Family Concepts**

- 4.1 Creating Component Families
- 4.2 Creating and Parametric Framework
- 4.3 Creating Family Elements
- 4.4 Creating Family Types

#### **Chapter 5 Advanced Family Techniques**

- 5.1 Additional Tools for Families
- 5.2 Visibility Display Settings

## **Chapter 6 Additional Family Types**

- 6.1 Creating In Place Families
- 6.2 Creating Profiles
- 6.3 Creating Annotation Families
- 6.4 Working with Project and Shared Parameters

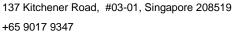
## **Chapter 7 Creating Architectural Specific Families**

- 7.1 Creating Custom Doors and Windows
- 7.2 Creating Angled Cornices and Copings
- 7.3 Creating Custom Railings
- 7.4 Families for Railings, Balusters, and Panels

## **Chapter 8 Creating MEP Specific Families**

## **Chapter 9 Creating Structural Specific Families**



















## **Conceptual Design & Visualization**

#### **Chapter 1 Massing Studies**

- 1.1 Overview of Massing Studies
- 1.2 Placing Mass Elements
- 1.3 Creating Conceptual Massing
- 1.4 Creating Mass Forms
- 1.5 Dynamic Editing for Conceptual Massing
- 1.6 Working with Profiles and Edges
- 1.7 Moving From Massing to Building

## **Chapter 2 Space planning & Area Analysis**

- 2.1 Space Planning
- 2.2 Area Analysis
- 2.3 Creating Colour Schemes

## **Chapter 3 Visualization**

- 3.1 Creating Perspective Views
- 3.2 Producing Sketches
- 3.3 Adding Exploded Views
- 3.4 Setting up Solar Studies

## **Chapter 4 Rendering**

- 4.1 Producing Basic Renderings
- 4.2 Working with Lighting
- 4.3 Enhancing Renderings



137 Kitchener Road, #03-01, Singapore 208519



**a** 

© 2017 BIMLife University. All rights reserved.



www.bimlifeuniversity.com







Page 5 of 6



## **Collaboration Tools**

## **Chapter 1 Phasing, Design Options, and Groups**

- 1.1 Project Phasing
- 1.2 Design Options
- 1.3 Working with Groups

## **Chapter 2 Linking Models**

- 2.1 Linking Models
- 2.2 Views and Linked Models
- 2.3 Copying and Monitoring Elements
- 2.4 Coordinating Linked Projects

#### **Chapter 3 Importing and Exporting**

- 3.1 Importing and Linking Vector Files
- 3.2 Modifying Imported Files
- 3.3 Importing Raster Image Files
- 3.4 Exporting Files
- 3.5 Exporting for Energy Analysis

## **Course Enquiries**

Tel : +65 9017 9347

Email : <u>hello@bimlife.com</u>

Website: <a href="http://bu.bimlife.com/courses-overview/bim-modeling-courses/autodesk/autodesk-revit-architecture-advanced-2017/">http://bu.bimlife.com/courses-overview/bim-modeling-courses/autodesk/autodesk-revit-architecture-advanced-2017/</a>

## **REGISTER NOW**



137 Kitchener Road, #03-01, Singapore 208519





© 2017 BIMLife University. All rights reserved.



www.bimlifeuniversity.com





Page 6 of 6