

Autodesk® Revit® MEP

Advanced 2017

3- Day BIM Modeling Course



137 Kitchener Road, #03-01, Singapore 208519

+65 9017 9347

© 2017 BIMLife University. All rights reserved.



www.bimlifeuniversity.com

hello@bimlife.com

Page 1 of 6

© 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



137 Kitchener Road, #03-01, Singapore 208519
+65 9017 9347
© 2017 BIMLife University. All rights reserved.



www.bimlifeuniversity.com
hello@bimlife.com
Page 2 of 6

Course Outline

Chapter 1 Revit Smart Families

- 1.1 Classification of Revit families
- 1.2 Revit element hierarchy

Chapter 2 Revit Family Creation

- 2.1 Overview of Family Editor
- 2.2 Ingredients of Revit Families

Chapter 3 Geometries

- 3.1 Creating solids & voids
- 3.2 Extrude, Blend, Revolve, sweep, swept blend

Chapter 4 Parameter

- 4.1 Types of parameter
- 4.2 Labelling the dimension to parameter



Chapter 5 Annotation Family

- 5.1 Creating Tags
- 5.2 Creating Symbols
- 5.3 Title block
- 5.4 Key Plan

Chapter 6 Formula

- 6.1 Math Operators
- 6.2 Direct values
- 6.3 If statements
- 6.4 Yes / No parameter

Chapter 7 MEP Connectors

Chapter 8 Collaboration

- 8.1 Copy / monitor
- 8.2 Transferring project standards
- 8.3 Understanding work-sharing
- 8.4 Setting up worksets
- 8.5 Interference check
- 8.6 Coordination review



Chapter 9 File Interchangeability

9.1 Importing

- a. Importing Cad Files
- b. Linking Revit
- c. Linking IFC

9.2 Exporting

- a. Exporting - CAD, NWC, schedules, IFC & etc.

Chapter 10 Advanced View Controllability

10.1 Design Options

10.2 View template

10.3 Links visibility

10.4 Object Styles

10.5 Preparing Legends

Chapter 11 Advanced Drafting

11.1 Creating Line styles / Line Weights / Line Pattern

11.2 Creating Section heads/ tails

11.3 Creating view title

11.4 Level head editing

11.5 Legend

Chapter 12 Advanced MEP schedules

12.1 Duct gauge calculation

12.2 Conduit Run Schedules

12.3 Sorting, Filtering

12.4 Sheet List



Chapter 13 Building Performance Analysis

13.1 Creating Spaces

13.2 Zones

13.2 Heating & Cooling Load calculations

Course Enquiries

Tel : +65 9017 9347

Email : hello@bimlife.com

Website : <http://bu.bimlife.com/courses-overview/bim-modeling-courses/autodesk/autodesk-revit-mep-advanced-2017/>

REGISTER NOW



137 Kitchener Road, #03-01, Singapore 208519



+65 9017 9347



© 2017 BIMLife University. All rights reserved.



www.bimlifeuniversity.com



hello@bimlife.com



Page 6 of 6