BIMLife UNIVERSITY

Autodesk® Navisworks 2017

2- Day BIM Review and Coordination Course

BIMLife University
BIMLife
137 Kitchener Road
Singapore 208519

137 Kitchener Road, #03-01, Singapore 208519

+65 9017 9347

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Course Outline

Chapter 1 Getting Started

1.1 Getting Started with Autodesk Navisworks

1.2 Publishing, Merging, Refreshing, and Emailing Files

1.3 Selection Tree and Selecting Objects

Chapter 2 3D Model Review

2.1 Hiding Objects and Overriding Materials

2.2 Object Properties

2.3 Measuring and Moving Objects

2.4 Selection and Search Sets

2.5 Viewpoints

2.6 Comments, Redlining , and Tags

2.7 Animations

2.8 Sectioning

2.9 Links

2.10 Comparing Models

2.11 Navisworks Real – Time Rendering

2.12 Switchback

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Chapter 3 TimeLiner

Chapter 4 Animator

Chapter 5 Scripter

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Chapter 6 Quantification

6.1 Quantification Overview
6.2 Setting up a Quantification Project
6.3 Item and Resource Management
6.4 3D Model and Virtual Taskoff
6.5 Managing Takeoff Data
6.6 2D Takeoffs
6.7 Analysing Changes
6.8 Exporting Takeoff Data

Chapter 7 Clash Detective

7.1 Clash Detective Overview
7.2 Clash Results
7.3 Clash Test Reporting
7.4 Working with Clash Tests
7.5 Audit Checks
7.6 Exporting and Importing Clash Tests
7.7 Laser Scan Data Clashing
7.8 Methods for Testing and Resolving Clashes

Chapter 8 Autodesk Rendering

8.1 Autodesk Rendering Overview
8.2 Adding Materials to a Model
8.3 Creating and Editing Materials
8.4 Material Mapping
8.5 Lighting
8.6 Sun and Sky Lights
8.7 Exposure Control
8.8 Ground Planes
8.9 Photorealistic Rendering

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Course Enquiries

Tel   : +65 9017 9347
Email : hello@bimlife.com
Website   : **http://bu.bimlife.com/courses-overview/bim-modeling-courses/autodesk/autodesk-revit-navisworks-manage-2017/**

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