Autodesk® Revit® Structure 2012: The Complete Guide

A part of the world-leading Revit platform, Revit Structure is designed specifically for Structural Engineers and Technicians, where the advantages of BIM are combined with unprecedented levels of multi-discipline communication potential and an easy workflow for handling client revisions and design development. Import / export links to all the large structural analysis tools as well as links to detailing and manufacturing ensure that Revit provides a platform for well-managed and co-ordinated deliverables from concept through to fabrication.

In a curriculum which is consistent across the disciplines, users are guided around the software interface and core toolset before being taken through a series of Let Me Try exercises which not only provide an insight into the Revit approach, but also explain best practice protocols and practical techniques along the way.

Lesson 1 Introduction to the Principles of BIM
Lesson 2 UI Tour, Project Navigation & View Creation
Lesson 3 Element Selection & Manipulation
Lesson 4 Visibility Control & Categorisation
Lesson 5 Model Development Methodology
Lesson 6 Establishing a Project
Lesson 7 Modelling Basics – Walls, Columns, Beams and Bracing
Lesson 8 Foundations and Piling
Lesson 9 System Family Editing
Lesson 10 Basic Schedules and Legends
Lesson 11 Geometry Formation and In-Place Families
Lesson 12 Slab and Roof Tools
Lesson 13 Stairs, Ramps & Railings
Lesson 14 Beam and Truss Systems
Lesson 15 Project Phases and Design Options
Lesson 16 2D Draughting and Annotation
Lesson 17 Sheet Compilation and Publication
Lesson 18 Basic Subdivision and Collaboration
Lesson 19 Introduction to Family Editing

The 2012 GeT Interactive Complete Guide Series
AutoCAD® 2012: The Complete Guide
Autodesk Inventor® 2012: The Complete Guide
Autodesk Revit MEP 2012: The Complete Guide

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AutoCAD 3D Modeling 2011
Autodesk Inventor Fundamentals 2011
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