



Autodesk® Official Training Guide

Mastering Autodesk Revit Architecture 2011

Description

Mastering Autodesk Revit Architecture's focused discussions, detailed exercises, and compelling real-world examples are organized by how users learn and implement Revit, an approach that will resonate with Revit users of all skill levels. The expert authors developed this practical reference and tutorial based on years of experience using the program and training others to do so. *Mastering Autodesk Revit Architecture* is organized by real-world workflows and features detailed explanations, interesting real-world examples, and practical tutorials to help readers understand Revit and BIM concepts so that

they can quickly start accomplishing vital Revit tasks. It also features information to help readers prepare for the Autodesk Certified Associate and Certified Professional exams and includes both Imperial and metric measurements.

The book begins with discussions of key BIM and Revit concepts before giving readers a hands-on look at the Revit interface. Part II explores today's Revit workflows and introduces readers to templates, worksharing, and managing Revit projects. Part III dives into modeling and massing and offers detailed information on the crucial Family Editor as well as visualization techniques for various industries. Part IV covers documentation, including annotation and detailing, and explains how to work with complex walls, roofs and floors as well as curtain walls and advanced stair and railings. The final portion of the book discuss such advanced topics as how designers and contractors use Revit during construction, working with the API, fabrication for film and stage, and advanced, time-saving tips and tricks. The book also features an inspirational color insert and downloadable tutorial files so readers can jump in at any point and compare their work to the pros'.

ISBN	9780470626962
Pages	960, 7-3/8" x 9-1/4", perfect bound, English, downloadable tutorial files, color insert
Trial DVD	No
Onscreen Exercises	No
Prerequisites	<ul style="list-style-type: none">• Architectural design, drafting, or engineering experience is recommended. No previous Revit experience is necessary.• A working knowledge of Microsoft® Windows® Vista, Microsoft® Windows® XP, or Microsoft® Windows® 2000.

Class Information

Suggested Duration	1 day or 3 days
Objective	To provide new Revit Architecture users an understanding of the software's core functionality and features so that they can create, edit, document, and present their first model. Users will have a solid grounding in the software so that they can immediately be productive using Revit.
Who Should Attend	New Revit Architecture users or other Autodesk software users who want to learn the core features and functionality of Revit Architecture.
Note	<i>Mastering Autodesk Revit Architecture</i> can also be used to teach intermediate and advanced users. If you're interested in teaching a more advanced class or a class on a niche subject, please email atfeedback@wiley.co for suggestions on how <i>Mastering Revit Architecture</i> can be employed. Please also use that email address to share your thoughts about the book and supporting materials.

Note: The suggested class duration is a guideline. Topics and duration may be modified by the instructor based upon the knowledge

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Instructor Support

The instructor support material is still being developed and will be available for download from this website soon. It will include:

- An introductory letter from the authors
- Different syllabi with suggestions for teaching 1-day, 3-day, and 30-session courses
- PowerPoint slides for each chapter that you can edit and customize to your liking
- Test questions and answers

In this Guide

Part I: Fundamentals

- Chapter 1: Beyond Basic Documentation**
- Chapter 2: Principles of Revit**
- Chapter 3: The Basics of the Revit Toolbox**

Part II: The Revit Workflow

- Chapter 4: Configuring Templates and Standards**
- Chapter 5: Managing a Revit Project**
- Chapter 6: Understanding Worksharing**
- Chapter 7: Working with Consultants**
- Chapter 8: Interoperability: Working Multiplatform**

Part III: Modeling and Massing for Design

- Chapter 9: Advanced Modeling and Massing**
- Chapter 10: Conceptual Design and Sustainability**
- Chapter 11: Phasing, Groups, and Design Options**
- Chapter 12: Visualization**

Part IV: Extended Modeling Techniques

- Chapter 13: Walls and Curtain Walls**
- Chapter 14: Floors, Ceilings, and Roofs**
- Chapter 15: Family Editor**
- Chapter 16: Stairs and Railings**

Part V: Documentation

- Chapter 17: Detailing Your Design**
- Chapter 18: Documenting Your Design**
- Chapter 19: Annotating the Design**
- Chapter 20: Presenting Your Design**

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- Chapter 21: Revit in Construction**
- Chapter 22: Revit in the Classroom**
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Color Insert

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