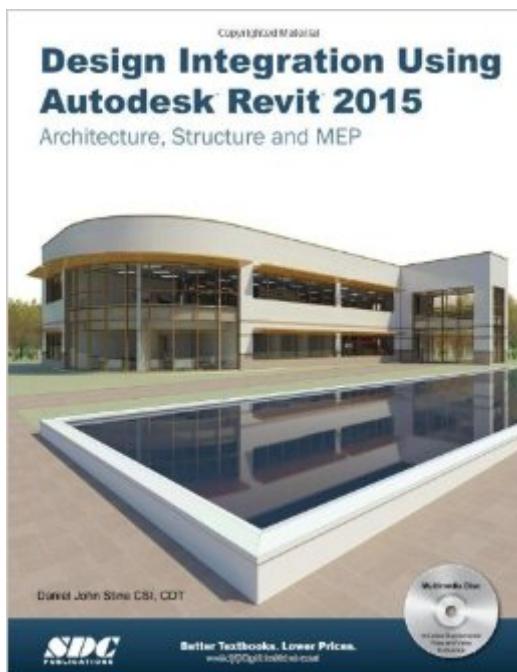


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Design Integration Using Autodesk Revit 2015: Architecture, Structure And MEP



Synopsis

Design Integration Using Autodesk Revit 2015 is designed to provide the reader with a well-rounded knowledge of Autodesk Revit tools and techniques. All three flavors of the Revit platform are introduced in this textbook. This approach gives the reader a broad overview of the Building Information Modeling (BIM) process. The topics cover the design integration of most of the building disciplines: Architectural, Interior Design, Structural, Mechanical, Plumbing and Electrical. Civil is not covered, but adding topography to your model is. Each book comes with a CD containing numerous video presentations of the written material. Throughout the book the student develops a two story law office. The drawings start with the floor plans and develop all the way to photo-realistic renderings similar to the one on the cover of this book. Along the way the building's structure, ductwork, plumbing and electrical (power and lighting) are modeled. By the end, the reader will have thorough knowledge of many of the Revit basics needed to be productive in a classroom or office environment. Even if you will only be working with one component of Revit in your chosen profession, this book will give you important knowledge on how the other disciplines will be doing their work and valuable insight into the overall process. As an instructor, the author understands that many students in a classroom setting have varying degrees of computer experience. To help level the playing field the first chapter is devoted to an introduction to computers. Much of the basics are covered, from computer hardware and software to file management procedures: including step-by-step instructions on using a flash drive. Chapters 2 through 5 cover many of the Revit basics needed to successfully and efficiently work in the software. Once the fundamentals are covered, the remaining chapters walk the reader through a building project which is started from scratch so nothing is taken for granted by the reader or the author. About the Included CD: Each book comes with a CD containing: Video reviews outline the tools utilized in each chapter and shows readers how to use them. Bonus chapters introducing the creation of custom Revit content (families) and Google SketchUp. A bonus draft copy of the Roof Study Workbook which includes information on controlling the top surface of the roof in Revit Chapter starter files which allow readers to jump around the text or skip chapters. Table of Contents: 1. Introduction to Computers for CAD/BIM Users 2. Getting Started with Revit 2015 3. Quick Start: Small Office 4. Revit Basics: Overview of Linework and Modify Tools 5. Revit Basics: Drawing 2D Architectural Content 6. Law Office: Floor Plans 7. Law Office: Roof, Floors and Ceilings 8. Law Office: Structure System 9. Law Office: Elevations, Sections and Details 10. Law Office: Interior Design 11. Law Office: Schedules 12. Law Office: Mechanical System 13. Law Office: Electrical System 14. Law Office: Site and Renderings 15. Law Office: Construction Documents Set Appendix A: Autodesk Revit Architecture Certification Exam Appendix V: Introduction to Autodesk

VasariBonus Chapters on DVD 16. Revit Families: Introduction to Revit Content Creation Appendix B: Finding Missing Elements in Revit Appendix C: Roof Study Workbook Appendix D:Rooms and Spaces; Revit s Unbuilt Elements

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Customer Reviews

I found the information not to be as easy to understand as needed. Their should have been more detail in the setting up of the platform.

great helpful book for a technologically illiterate person like myself

great book if you're wanting to learn revit!

This is a great book for Revit users

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