

Residential Design Using Autodesk Revit 2015

By Daniel John Stine

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Residential Design Using Autodesk Revit 2015 is designed for the architectural student new to Autodesk Revit 2015. This text takes a project based approach to learning Autodesk Revit's architectural tools in which the student develops a single family residence all the way to photo-realistic renderings like the one on the cover. Each book comes with a CD containing numerous video presentations in which the author shows and explains the many architectural tools and techniques used in Autodesk Revit 2015.

This book starts with an optional basic introduction to hand sketching techniques and concepts intended to increase your ability to sketch design ideas by hand and to think three-dimensionally. The lessons then begin with an introduction to Autodesk Revit 2015. The first four chapters are intended to get the reader familiar with the user interface and many of the common menus and tools.

Throughout the rest of the book a residential building is created and the many tools and features of Autodesk Revit 2015 are covered in greater detail. Using step-by-step tutorial lessons, the residential project is followed through to create elevations, sections, floor plans, renderings, construction sets, etc.

About the Videos

The videos contained on the included CD make it easy to see the menu selections and will make learning Autodesk Revit straightforward and simple. At the start of each chapter the reader is prompted to watch a video that previews the topics that will be covered in the proceeding chapter. This allows the reader to be familiar with the menu selections and techniques before they begin the tutorial. Readers will feel more confident in what they are doing and have a better understanding of the desired outcome of each lesson by watching these videos.

The videos cover the following:

- User Interface
- Walls
- Doors and Windows
- Stairs
- Roofs
- Floors

- Ceilings
- Elevations
- Sections
- Schedules
- Renderings
- Design Options
- Sheets
- Worksharing
- Phases
- Sweeps and Reveals

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