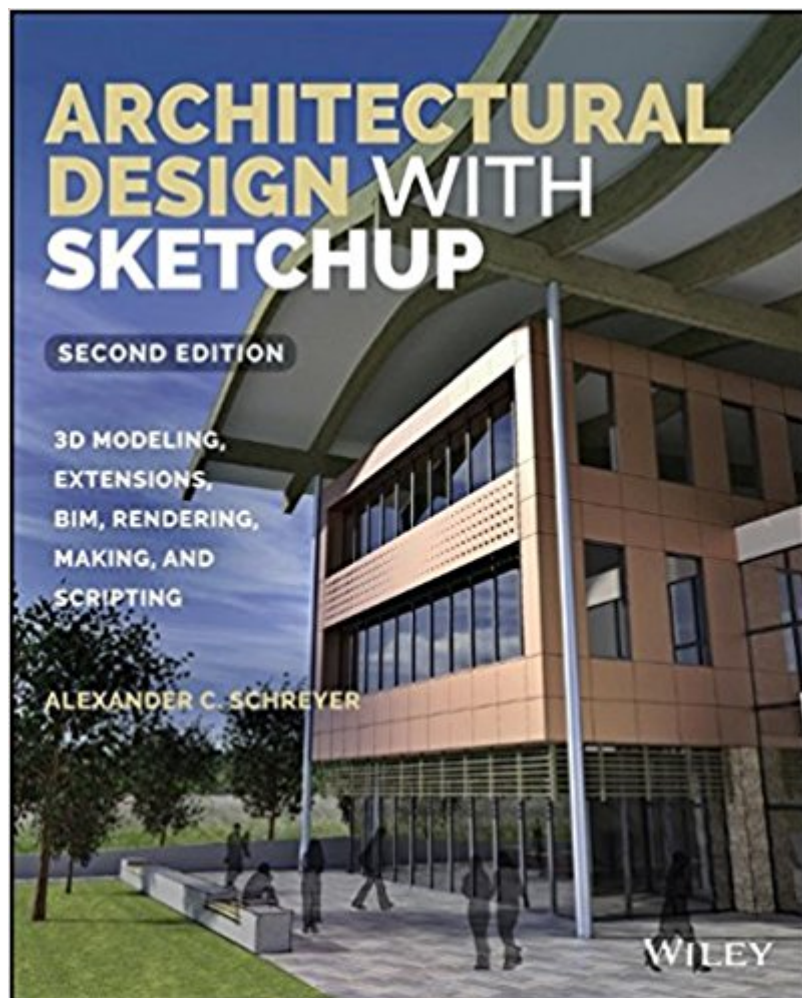




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# Architectural Design With SketchUp: 3D Modeling, Extensions, BIM, Rendering, Making, And Scripting



## Synopsis

Go beyond the basics: making SketchUp work for you Architectural Design with SketchUp, Second Edition, is the leading guide to this incredibly useful tool for architects, interior designers, construction professionals, and makers. With easy to follow tutorials that first brush up on the basics of the program and then cover many advanced processes, this resource offers both informative text and full-color illustrations to clearly convey the techniques and features you need to excel. The updated second edition has a new chapter that explains how to make things with SketchUp, and covers 3D printing, design to fabrication, CNC milling, and laser cutting. Other chapters also now cover Building Information Modeling (BIM) and 3D web content generation. Additionally, the revised text offers insight into the latest products and plugin extensions, navigation methods, import/export options, and 3D model creation features to ensure you have an up to date understanding of how to make SketchUp help you meet your project goals. A leading 3D modeling application, SketchUp features documentation capabilities through photorealistic renderings and construction drawings. Because of its ease of use and ability to be enhanced with many plugin extensions for project-specific applications, SketchUp is considered the tool of choice for professionals in the architecture, interior design, construction, and fabrication fields. Access thoroughly updated information in an easy to understand writing style Increase your efficiency and accuracy when using SketchUp and refresh and supplement your understanding of SketchUp's basics Explore component-based modeling for assembly, scheduling, collaborative design, and modeling with a BIM approach Find the right plugin extensions and understand how to best work with them See how easy it is to generate presentation-ready renderings from your 3D models Learn how you can use 3D printing, CNC milling, and laser cutting to make things with SketchUp Use cookbook-style Ruby coding to create amazing 3D objects Supplement your knowledge with video tutorials, sample files, and Ruby scripts via a robust companion website Architectural Design with SketchUp, Second Edition, is an integral resource for both students and professionals working in the architecture, interior design, construction, and fabrication industries.

## Book Information

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## Customer Reviews

Students and professionals and general public will find this book immediately useful and applicable. The author does a good job of describing the product, showing the functionality and expanding on the delivery of 3D printed products or other outcomes. (3D Visualization World Magazine, April 2016)

TAP INTO SKETCHUP'S REAL-WORLD, REAL-WORK FUNCTIONALITY Architectural Design with SketchUp, Second Edition, is the leading guide to Trimble SketchUp, an easy-to-use, yet incredibly powerful tool for architects, interior designers, construction professionals, and makers. It provides the SketchUp user with step-by-step tutorials that explore every aspect of SketchUp Pro and Make's functionality, from common tasks to advanced operations. This new second edition covers the latest products and plugin extensions, 3D model creation features, Building Information Modeling (BIM) capabilities, import/export options, and 3D web content generation to ensure the reader has an up to date understanding of how to make SketchUp help them meet any project goals. It also adds a new chapter on physically making things with SketchUp, which covers 3D printing, design to fabrication, CNC milling, and laser cutting; a must-have resource for any maker. Architectural Design with SketchUp, Second Edition helps users: Create accurate 3D models with step-by-step tutorials backed by full-color illustrations Design in 3D with SketchUp's tools, plugin extensions, and Ruby scripting Create amazing photorealistic renderings right inside SketchUp Use SketchUp's efficiency and precision for digital fabrication Integrate SketchUp into any AEC and BIM workflow Excel quickly with video tutorials, sample files, and Ruby scripts found on the companion website SketchUp is the essential tool for today's designers, and Architectural Design with SketchUp is the leading resource for users who are ready to go beyond the basics and use its full potential.

Good general read on SketchUp. As advanced and basic adjunct SketchUp Instructor, I like the book for the basics more so than the advanced aspect of the book. I do recommend it for beginners.

This is a very good book, written by someone who really understands the SketchUp arena. The book has an introduction to modeling in Sketchup, an insightful description of rendering options, and an introduction to programming in Ruby. For me, the book could use greater emphasis on modeling and Ruby, as some of the subtleties of rendering are not matched by the depth of modeling descriptions. Nevertheless, I thoroughly enjoyed the book, found it to be extremely helpful, and read it in its entirety.

Not boring like most informational books. It really helps you understand what sketchup has to offer. It also has really good visuals as well.

Perfect order and followup

Just with I was looking for to help me advance my SketchUp knowledge!

Very interesting book. Recommended!

Great book! It is well written and the illustrations are easy to follow. I think this is a great resource for anyone who wants to learn SketchUp.

I just got this book and it is very easy to understand and detailed. I would highly recommend this book to anyone who is an architecture major or who is interested in 3-D modeling.

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