

Title: **Architectural Design with SketchUp Component-Based Modeling, Plugins, Rendering, and Scripting**

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Description: This one-stop resource for architects, designers, and builders provides the novice with the knowledge they need to go beyond the basics and fully take advantage of Google Sketch Up as a powerful tool. After a quick Sketch Up refresher, covers:

- Component-based modeling for assembly,
- Scheduling,
- Collaborative design,
- Modeling with a BIM approach.

Using plugins for modeling, fabrication, data integration, and analysis (energy efficiency, etc.) Rendering in Sketchup, and enhancing with Photoshop and combining with hand-drawn content. Complex geometry using Ruby coding clearly explained.

Presented through easy-to-follow tutorials that describe common or advanced processes that can either be used as presented or adapted easily to match the user's needs.

- Basic concepts or background information presented as sidebars for easy reference.
- End of chapter exercises for either self-led practice work or class assignments.
- Illustrated throughout in full color demonstrating photorealistic renderings and tutorials.
- Robust Companion Web site containing videos, sample files, and plug-ins extends instruction to the digital realm.

