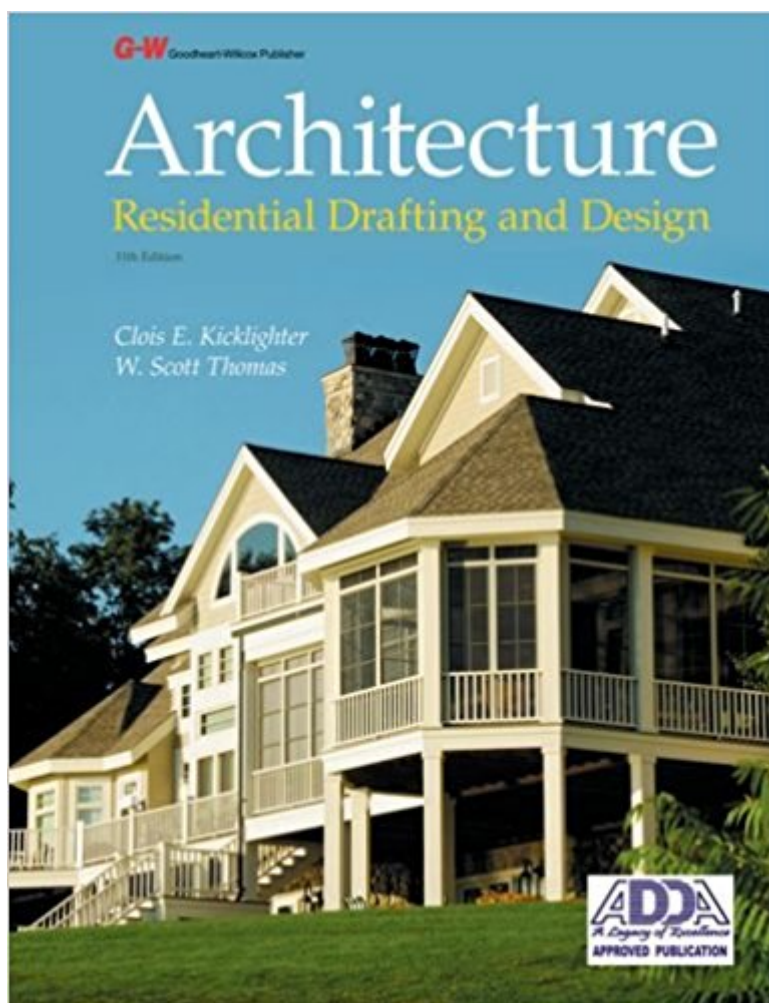




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Architecture: Residential Drafting And Design



Synopsis

Architecture: Residential Drafting and Design provides comprehensive instruction on traditional and computer-based methods of preparing architectural working drawings in addition to coverage of design and construction principles and methods. It is organized around the design-building process, a logical way for students to easily learn. New content on green building technology/sustainable design complements foundational learning. Chapter-end activities challenge students to use residential design principles and problem-solving skills. Drafting procedures and chapter-end activities are designed to provide students with hands-on experience with computer-aided drafting and design (CADD) systems. End-of-chapter features address problem solving, ADDA certification exam preparation, and STEM topics. Two new chapters cover sustainable design and building sections.

Book Information

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Customer Reviews

Dr. Clois E. Kicklighter was a nationally known educator during his career and the author of several books in the fields of architecture, drafting, and construction technology. He held a variety of industrial, teaching, and administrative positions and retired as dean and professor at the School of Technology at Indiana State University. He held the highest leadership positions in the National Association of Industrial Technology (NAIT). Dr. Kicklighter was awarded the respected Charles Keith Medal for exceptional leadership in the technology profession. W. Scott Thomas, M. Ed., MCCTE, is an instructor of architectural design drafting for the Signature Architecture Program at Shadow Ridge High School, Dysart Unified School District, in Surprise, Arizona. Scott teaches

residential and commercial architectural design, structural steel detailing/modeling, civil drafting, and GIS technology. Scott has been a secondary and postsecondary educator for 22 years and is the owner and principal building designer of Thomas Design Associates, LLC. Scott also does extensive work with the Arizona Department of Education's CTE Division as a member of numerous architectural design drafting curriculum development and guidelines committees. Scott's educational background includes a master's degree in career and technical education and a bachelor's degree in education from Northern Arizona University. He is a master certified career and technical educator (MCCTE) with the Association for Skilled and Technical Sciences (ASTS) and is a Director Emeritus of the American Design Drafting Association (ADDA). During his teaching career, Scott has had national champions in architectural drafting competitions at the SkillsUSA National Leadership and Skills Conference in 2012 (with Shadow Ridge High School) and in 2005 (with Northwest Education Center in Phoenix, Arizona).

great book

Disappointed. This is architecture 101 - but I don't think it even gives a very good overview of house design. For starters, they might consider an in depth analysis of the layout of certain "classic" American home designs and how they work successfully in terms of livability. This book tries to provide a broad overview of the design process but never provides sufficient detail to actually execute - which is what I'm after. Specifically, I was expecting something slightly more in depth about the technical details of the drafting work flow. I don't care about drawing with a pen - this is 2016, completely useless!!! I was looking for a strictly technical book that would indicate industry standards for the preparation of construction drawings. I have extensive experience in home remodeling, cabinet making and furniture design and I know how to look up the codes and best practices in construction. I was looking for help in design of an addition to make sure that the plans I was drawing up would meet certain professional standards and that all the relevant drawings were presented. This textbook might be OK if you're a teenager who's never seen the guts of a house (i.e. completely clueless) and are pursuing a career in architecture. The career tips are just weird to read for anybody else. I also find the STEM connections just plain laughable, coming from a physics PhD background myself. Seriously, is this what we are teaching our budding architects? It's a marketing gimmick from the publisher designed to draw professors of architecture with "faddish" key-words. The construction details are at such a superficial level that they are basically useless. I think the average architecture student would be better served by reading 20 years of Fine Homebuilding

back-issues so that they know that designing most houses starts with sound structural principles and construction techniques. ...Then they can go and build their silly cantilevered constructions for clients with too much money!

This deserves the review of "its a school book and my daughter needed it for class".It was the correct book, she's learning a lot. Go team?

Needed for class. Nice book.

The book was in nice condition and was worth paying 70 something dollars for!

Wrong book. I did get my money back.

Great book with solid cover

This architectural design drafting textbook is an extraordinary resource of architectural drafting information and the finest architectural drafting textbook available today for teachers and students. The new features are wonderful for classroom and lab use to reinforce STEM, Green Architecture/Sustainability, Workplace/Employability Skills, and Cross-Curricular integration with CTE Architectural Drafting courses. The example drawings are tremendous...the photos and illustrations are terrific! As an Architectural Design Drafting teacher, I will be using this textbook in classes! Oh...disclaimer...SkillsUSA has nothing to do regarding this review...its just my "pen name"...

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