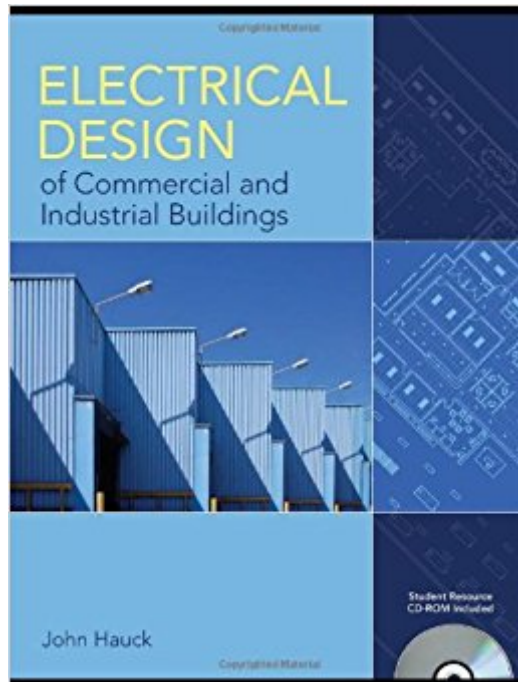




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Electrical Design Of Commercial And Industrial Buildings



Synopsis

A Hands-On Approach to Electrical Design Electrical Design of Commercial and Industrial Buildings teaches students the critical components of electrical design through an integrated approach that combines fundamental theory with hands-on practice. By taking an applied-learning approach to instruction, this text explains electrical principles, design criteria, codes, and other key elements of the design process, then guides students through each step as they create their own electrical design plans. A companion Student Resource CD-ROM accompanies the printed textbook with sample plans - accompanied by example equipment lists, lighting fixture schedules, and calculation templates - provides students with a comprehensive framework for experiential learning. As an integrated learning tool, Electrical Design of Commercial and Industrial Buildings is both an essential teaching guide for electrical design instructors and an enduring reference book for students and professionals.

Book Information

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Customer Reviews

Okay, I confess I'm a professional electrical engineer, so maybe this book is not meant for me, but I am disappointed that it has extremely limited and basic content. Having bought a previous book - Electrical Design Guide for Commercial Buildings (by William H. Clark) - many years ago, when I had only just started my engineering career, I am in a good position to compare both books. In my opinion, the older book by William Clark (1998 copyright) is much more useful than this one, even without adjusting for time of publication. I may have considered scoring it higher if it was only

advertized as a basic reference material for technical education. However, it is referred to as "an enduring reference book for students and professionals." William Clark's older publication will fit that description; this one, not so much. As if its limited content were not bad enough, answers to end-of-chapter questions are advertised as being included in an "Instructor's ToolKit CD-ROM". Unfortunately, you don't get this CD-ROM with the book. A "Student Resource CD-ROM" is included instead which is said, in the author's words, to "provide students with valuable resources to complete their own electrical design projects." However, these "valuable" resources are lacking in any real value, as one can get much richer content for free from contractors' and manufacturers' websites. This book by John Hauk is waaay overpriced!

This book is way too basic and not even cover enough simple NEC requirements. I don't think the person who gave a 4 or 5-star understand and compare this book with the same type of book from different authors. Try to compare it with books by "McPartland" or "Stallcup's" The title, book descriptions and some review comments on .com are bias and misleading. If you want to purchase it for a beginner or a class room, then it might be ok. Otherwise, it is not worth to pay that much of money for so little info.

To the point and plain to understand, great for me as a technical designer. A more detailed book would have confused me and I would have put it down. This book is complete and provided me the initial knowledge to start my new job as an electrical cad operator/designer position. 2017June14
HVB

This book is packed with NEC reference for up to code standards. It comes with full 'E' size plan layouts of the floor plan, lighting plan with T-grid and one line diagram for power distribution. These plans are also available on a CD also included with the book. This book is designed and written for the purpose of a step by step walk through to designing the electrical outlets, lighting and machine equipment in this industrial/commercial building. Excellent source of information for electrical majors needing a project.

It is a frustration. The samples are very basic and ideal only for the starters. I could write the same kind of book; I wish I could return it.

The information contained in this book is comprehensive yet easily understood. Presented in the

form of a building project each chapter steps the student through the process of electrical design for a commercial/industrial building. The book is written in a way that both the future electrician and the engineer can both understand. The book comes with hardcopies of the building plans and .dxf files on the companion CD allowing the student the choice of either designing with pencil, computer or both. The project although very comprehensive can be tailored to specific class objectives. I had the privilege of having Mr. Hauck as an instructor at a nearby community college and found his lectures, that closely follow the material in this book, were the best presented by any instructor there. I believe that I learned more from the two semesters with Mr. Hauck than I did with all the other classes that I took towards my degree in Electrical Technology.

I'm a professional engineer but most of my experience is in the process control and automation industry. I had to perform an electrical and control systems design for a customer and this book helped me by providing logical steps to build a complete electrical design of a facility. It references NEC 2008, so along with it, you feel confident that your design will comply with NEC. It is simple, easy to follow. It covers all major areas of an electrical design and provides sample calculations, drawings, etc.

What dedication, Thank You Mr. Hauck !!! Some great insight from someone who's been there and did it right the first time.

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