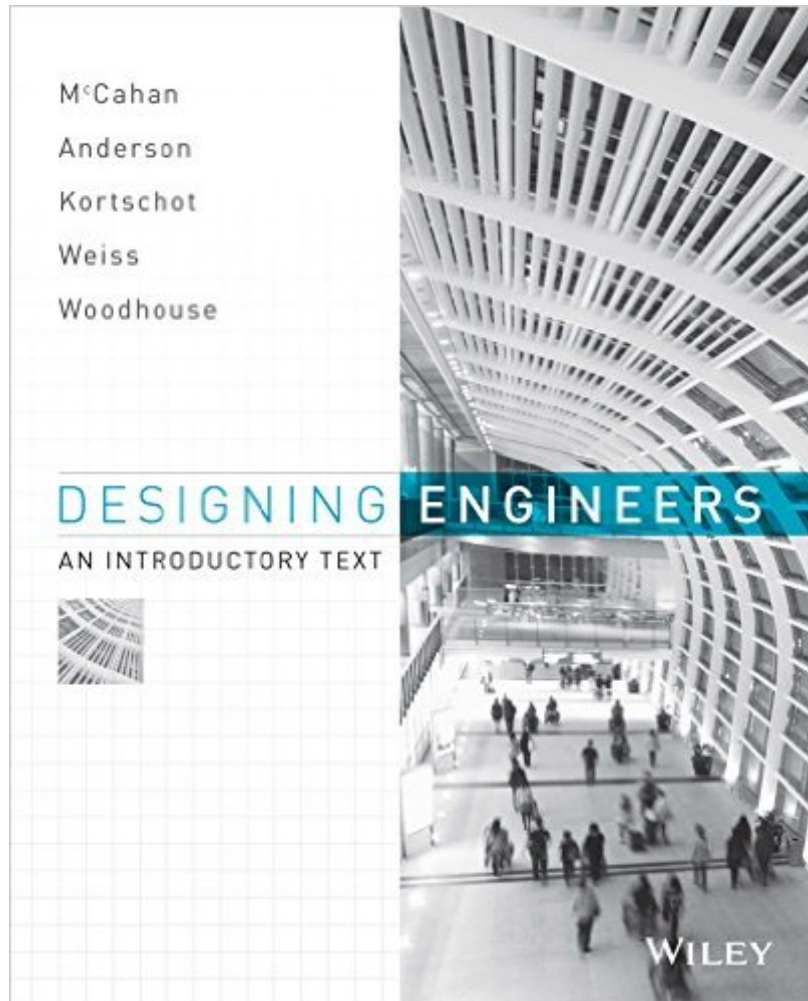


The book was found

Designing Engineers: An Introductory Text



Synopsis

Many colleges of engineering are seeking to give students more exposure to design early in the curriculum. One approach has been to develop project-based, design-centered courses for first-year students, but few texts on design are at the right level for first-year students. *Designing Engineers: An Introductory Textbook* has been created to meet this need. It has evolved from one of the largest and most successful first-year engineering design programs, taught to over 1,000 students annually at the University of Toronto. *Designing Engineers* is written in short modules, where each module is built around a specific learning outcome and is cross-referenced to the other modules that should be read as pre-requisites, and could be read in tandem with or following that module. The book begins with a brief orientation to the design process, followed by coverage of the design process in a series of short modules. The rest of the book contains a set of modules organized in several major categories: Communication & Critical Thinking, Teamwork & Project Management, and Design for Specific Factors (e.g. environmental, human factors, intellectual property). A resource section provides brief reference material on economics, failure and risk, probability and statistics, principles & problem solving, and estimation.

Book Information

File Size: 19610 KB

Print Length: 624 pages

Simultaneous Device Usage: Up to 3 simultaneous devices, per publisher limits

Publisher: Wiley; 1 edition (January 22, 2015)

Publication Date: January 30, 2015

Sold by:Â Digital Services LLC

Language: English

ASIN: B00UGE1JHS

Text-to-Speech: Not enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #427,536 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #34

inÂ Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Mechanical > Drafting & Mechanical Drawing #69 inÂ Books > Engineering & Transportation > Engineering >

Customer Reviews

love the color, love the material and love that it doesn't have the deep vneck line!

[Download to continue reading...](#)

Microservices: Patterns and Applications: Designing fine-grained services by applying patterns
Designing the User Experience of Game Development Tools Designing Connected Products: UX for
the Consumer Internet of Things Cisco Networks: Engineers Handbook of Routing, Switching, and
Security with IOS, NX-OS, and ASA PIC32 Microcontrollers and the Digilent Chipkit: Introductory to
Advanced Projects Web Scalability for Startup Engineers Designing and Deploying 802.11 Wireless
Networks: A Practical Guide to Implementing 802.11n and 802.11ac Wireless Networks For
Enterprise-Based Applications (2nd Edition) (Networking Technology) Designing for iOS with Sketch
Discovering Modern C++: An Intensive Course for Scientists, Engineers, and Programmers (C++
In-Depth) Diy Aquaponics Design: An Introductory Guide Terrariums - Gardens Under Glass:
Designing, Creating, and Planting Modern Indoor Gardens Practical Vim: Edit Text at the Speed of
Thought Shipping Container Homes: The Ultimate Guide on Finding, Designing, and Building an
Incredible Shipping Container Home Earthquake Strengthening for Vulnerable Homes: A Practical
Guide for Engineers, Contractors, Inspectors and Homeowners Design Concepts for Engineers
Design Concepts for Engineers (5th Edition) Designing Engineers: An Introductory Text Laboratory
Manual for Introductory Circuit Analysis Introductory Circuit Analysis (13th Edition) Introductory
Circuit Analysis

[Dmca](#)