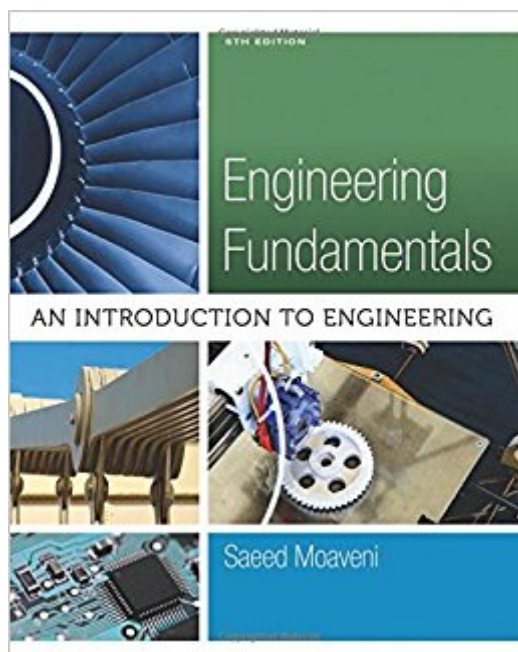




Ebook Directory
the best source of ebook

The book was found

Engineering Fundamentals: An Introduction To Engineering (Activate Learning With These NEW Titles From Engineering!)



Synopsis

Note: This is a standalone book and does not include Access Card/Code. Now in dynamic full color, **ENGINEERING FUNDAMENTALS: AN INTRODUCTION TO ENGINEERING**, 5e helps readers develop the strong problem-solving skills and solid foundation in fundamental principles they will need to become analytical, detail-oriented, and creative engineers. The book opens with an overview of what engineers do, an inside glimpse of the various areas of specialization, and a straightforward look at what it takes to succeed. The book then covers the basic physical concepts and laws that you'll encounter on the job. Professional Profiles throughout the text highlight the work of practicing engineers from around the globe, tying in the fundamental principles and applying them to professional engineering. Using a flexible modular format, the book demonstrates how engineers apply physical and chemical laws and principles, as well as mathematics, to design, test, and supervise the production of millions of parts, products, and services that people use every day.

Book Information

Series: Activate Learning with these NEW titles from Engineering!

Paperback: 816 pages

Publisher: CL Engineering; 5 edition (January 1, 2015)

Language: English

ISBN-10: 1305084764

ISBN-13: 978-1305084766

Product Dimensions: 9.9 x 7.9 x 1.1 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars 31 customer reviews

Best Sellers Rank: #18,223 in Books (See Top 100 in Books) #77 in Books > Textbooks >

Engineering #138 in Books > Science & Math > Technology #502 in Books > Engineering & Transportation > Engineering

Customer Reviews

Activate Learning with Moaveni's Engineering Fundamentals: An Introduction to

Engineering

[View larger](#)

[View larger](#)

[View larger](#)

[View larger](#)

Building on what you've learned. The text is organized into six parts that build upon each other, allowing you to hone your problem-solving skills and develop an understanding of fundamental principles. Review materials that help you succeed. Each chapter begins with learning objectives and concludes by summarizing what you should have learned from studying that

chapter. End-of-chapter problems include Research Problems that encourage you to solve problems using the Internet and traditional research methods, Communication Problems that emphasize the importance of developing good written and oral communication skills, and Teamwork Problems that encourage group participation. Tools to master key concepts. Definitions, relevant everyday examples, and drawings work together to help you master key concepts. A full color design makes key content more engaging and easier to find. Assignments develop your skills. Assignments that require information gathering using the Internet or employing traditional methods help you develop skills in gathering and properly using information.

Everything in One Place with MindTap [View larger](#) [View larger](#) [View larger](#)
[View larger](#) Tap into engagement. MindTap empowers you to produce your best work consistently. MindTap shows where you stand at all times both individually and compared to the highest performers in class. MindTap is designed to help you master the material. Interactive videos, animations, and activities create a learning path designed by your instructor to guide you through the course and focus on what's important. MindTap is mobile. The new MindTap Mobile App provides the mobility and flexibility for you to make any time study time. MindTap helps you stay organized and efficient. MindTap gives you the study tools to master the material.

#BeUnstoppable with MindTap! [View larger](#) [View larger](#) [View larger](#)
[View larger](#) Make it count. The more time spent in MindTap, the better the results. Using MindTap throughout your course matters. Students using apps perform better on assignments.

"Best design fundamentals text I have seen." "The IMPROMPTU design exercises are excellent for budding engineering students." "...this text does a good job of finding a reasonable compromise between clarity and thoroughness. The writing style is engaging. I like the inclusion of cartoons, and the overall layout is quite attractive. Yes, there is a clear sense of concern for the reader. Definitions, examples, and drawings are closely intertwined, making for a satisfying reading experience." "There are many things about this text that I think are superior to any other text I have seen."

Dr. Saeed Moaveni, P.E., is a successful author, instructor, and engineering professional. Dr.

Moaveni has nearly 30 years of experience in teaching, research, and consulting in mechanical and civil engineering related areas, including inverse problems, solar and renewable energy technology, geophysical problems, and education. He has taught at Colorado State University, University of South Carolina, Syracuse University, Norwich University, and Minnesota State University. He also has been invited abroad as a visiting professor at numerous universities. Dr. Moaveni is the recipient of the Jack Cermak Distinguished Professor Fellowship and the American Society of Engineering Education Young (New) Faculty Award. He has served as Dean of the David Crawford School of Engineering at Norwich University and Chair of the Mechanical and Civil Engineering Department at Minnesota State University. Dr. Moaveni is a licensed professional engineer in the State of New York and a member of American Society for Engineering Education, the American Society of Mechanical Engineers, and the American Society of Heating, Ventilating, and Air Conditioning Engineers, and the Council on Undergraduate Research.

Great, easy to understand textbook.

Exceeded Expectations!!!

Fast delivery and exactly as described.

Better deal than renting at my kid's college!

Great thanks

Chapters are pretty long. Great resource citing for the aspiring engineer. Book seems more focused on presentation of your work.

Exactly what was needed

This book was a requirement for Orientation to ECET and Design class. It's an okay book, the Excel and Matlab parts but the rest are descriptions of different engineering focuses. Buy it if you have to.

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

Engineering Fundamentals: An Introduction to Engineering (Activate Learning with these NEW titles from Engineering!) An Introduction to Mechanical Engineering (Activate Learning with these NEW

titles from Engineering!) Principles of Foundation Engineering (Activate Learning with these NEW titles from Engineering!) Solid Waste Engineering: A Global Perspective (Activate Learning with these NEW titles from Engineering!) The Science and Engineering of Materials (Activate Learning with these NEW titles from Engineering!) Principles of Geotechnical Engineering (Activate Learning with these NEW titles from Engineering!) Mechanics of Fluids (Activate Learning with these NEW titles from Engineering!) Steel Design (Activate Learning with these NEW titles from Engineering!) Power System Analysis and Design (Activate Learning with these NEW titles from Engineering!) Mechanics of Materials (Activate Learning with these NEW titles from Engineering!) A First Course in the Finite Element Method (Activate Learning with these NEW titles from Engineering!) These Are the Voyages: Tos: Season 3 (Star Trek: These Are the Voyages) These Ruthless Deeds (These Vicious Masks) Introduction to Deep Learning Using R: A Step-by-Step Guide to Learning and Implementing Deep Learning Models Using R Activate: An Entirely New Approach to Small Groups New Chakra Healing: Activate Your 32 Energy Centers (Llewellyn's Whole Life) Fundamentals of Anatomy & Physiology Plus MasteringA&P with Pearson eText -- Access Card Package (11th Edition) (New A&P Titles by Ric Martini and Judi Nath) Fundamentals of Anatomy & Physiology Plus MasteringA&P with eText -- Access Card Package (10th Edition) (New A&P Titles by Ric Martini and Judi Nath) Plastic Injection Molding: Product Design & Material Selection Fundamentals (Vol II: Fundamentals of Injection Molding) (Fundamentals of injection molding series) Plastic Injection Molding: Mold Design and Construction Fundamentals (Fundamentals of Injection Molding) (2673) (Fundamentals of injection molding series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)