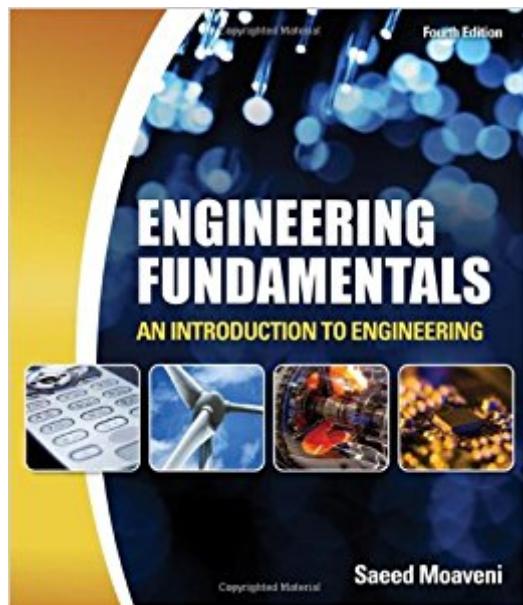


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# Engineering Fundamentals: An Introduction To Engineering



## **Synopsis**

Specifically designed as an introduction to the exciting world of engineering, ENGINEERING FUNDAMENTALS: AN INTRODUCTION TO ENGINEERING encourages students to become engineers and prepares them with a solid foundation in the fundamental principles and physical laws. The book begins with a discovery of what engineers do as well as an inside look into the various areas of specialization. An explanation on good study habits and what it takes to succeed is included as well as an introduction to design and problem solving, communication, and ethics. Once this foundation is established, the book moves on to the basic physical concepts and laws that students will encounter regularly. The framework of this text teaches students that 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. By gaining problem solving skills and an understanding of fundamental principles, students are on their way to becoming analytical, detail-oriented, and creative engineers.

## **Book Information**

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Average Customer Review: 4.2 out of 5 stars See all reviews (13 customer reviews)

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## **Customer Reviews**

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.

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

Good, usable condition and arrived promptly. Thank you.

Better deal then renting at my kid's college!

Exceeded Expectations!!!

Exactly what was needed

Arrived quickly and was as expected. Purchased for my son for school. He said it is good what he needed.

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