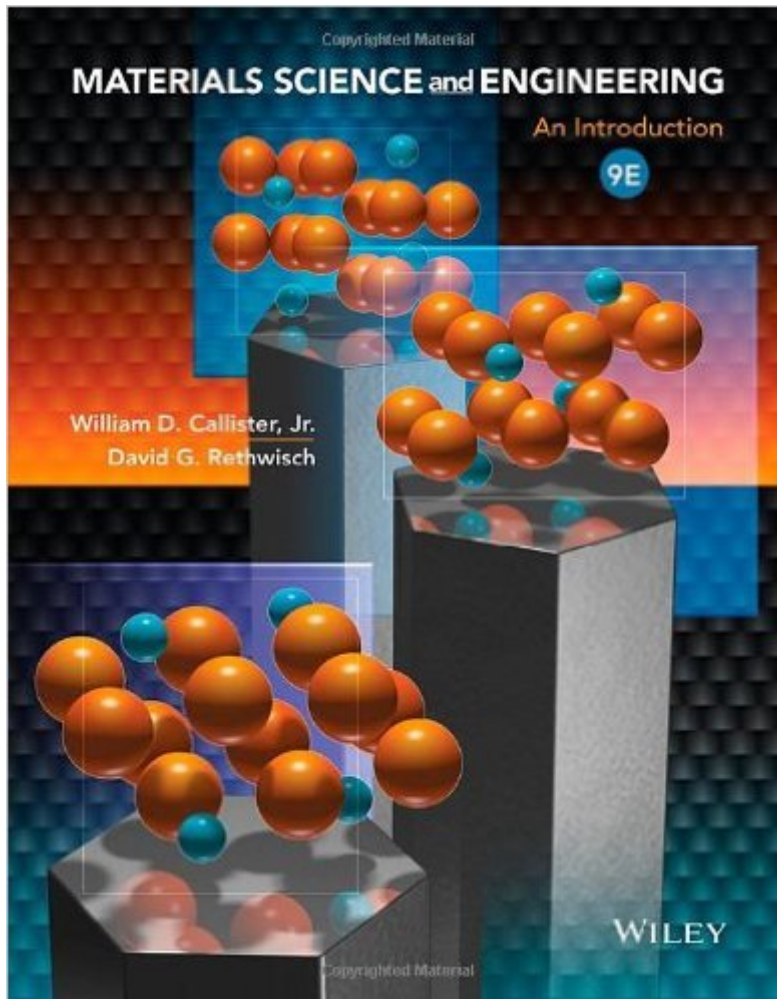


The book was found

# Materials Science And Engineering: An Introduction



## Synopsis

Building on the extraordinary success of eight best-selling editions, Callister's new Ninth Edition of *Materials Science and Engineering* continues to promote student understanding of the three primary types of materials (metals, ceramics, and polymers) and composites, as well as the relationships that exist between the structural elements of materials and their properties. This edition is again supported by WileyPLUS, an integrated online learning environment, (when ordered as a package by an instructor). Also available is a redesigned version of Virtual Materials Science and Engineering (VMSE). This resource contains interactive simulations and animations that enhance the learning of key concepts in materials science and engineering (e.g., crystal structures, crystallographic planes/directions, dislocations) and, in addition, a comprehensive materials property database. WileyPLUS sold separately from text.

## Book Information

Hardcover: 984 pages

Publisher: Wiley; 9 edition (December 4, 2013)

Language: English

ISBN-10: 1118324579

ISBN-13: 978-1118324578

Product Dimensions: 8.2 x 1.4 x 10.2 inches

Shipping Weight: 4 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars [See all reviews](#) (38 customer reviews)

Best Sellers Rank: #12,304 in Books (See Top 100 in Books) #6 in [Books > Engineering & Transportation > Engineering > Materials & Material Science](#) #1648 in [Books > Textbooks](#)

## Customer Reviews

This book covers everything you'll want to know for the foundation of material science and engineering. Great book that explains the concepts well and efficiently. I've gone to this book several times for covering topics I didn't cover in class, and the book did a great job of catching me up. I even used this for other classes like Fluid Mechanics or Heat Transfer. It's got it all. The example problems, while sometimes basic, provided you a great way to know if you understand the (wait for it....) material!

Taking a materials science/mechanical engineering course that uses this book and I love it. Very clear writing/explanations, use of intuitive notation, problems gradually get tougher at a reasonable

rate. Although my area is more in control systems, this MSE book has been really interesting. I'd take another course in it if I had time. Book definitely assumes you have the prerequisites though -- some of the math can get tricky, but's all reasonable for an undergrad. Excellent colors/visually appealing. I think MSE is a very visual subject, and since I'm not a visual person, it really helps to see what's going on with clear diagrams/pictures. My professor said this is a classic MSE book and I can see why. Two thumbs up.

I bought this for my Kindle thinking its a great deal. I have many books on Kindle which are easy to read. This one is not. You got the entire page on screen, which makes the print tiny. Zooming in does work, but makes reading difficult. Don't buy the kindle version!

Good book. My professor is good, so I don't use it much, but when I do it is pretty easy to understand.

Great book. This is the text used in Florida International University's mechanical engineering program. The text has been extremely useful taking this course. It is easy to read, and has great examples, all while having in-depth coverage of the material.

The subjects covered in this book are extensive and interesting. Diagrams, charts, tables and pictures as well as the simple language used to describe material background and uses do well to explain.

Honestly, wish I had bought hardcover, since the book is a little difficult to take care of, but the book \*arrived\* in pristine condition and is a very good text. (from my college sophomore)

I really enjoyed this book. Clear and simple presentation of basic materials science supplemented the course well and made Materials a more enjoyable class.

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

Engineering Materials 2, Fourth Edition: An Introduction to Microstructures and Processing (International Series on Materials Science and Technology) Biomimetic Materials And Design: Biointerfacial Strategies, Tissue Engineering And Targeted Drug Delivery (Manufacturing Engineering & Materials Processing) Materials North American Edition w/Online Testing: Materials - North American Edition, Second Edition: engineering, science, processing and design The Structure

of Materials (Mit Series in Materials Science and Engineering) Phillips' Science of Dental Materials, 11e (Anusavice Phillip's Science of Dental Materials) Phillips' Science of Dental Materials (Anusavice Phillip's Science of Dental Materials) The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Materials Science and Engineering: An Introduction Face Image Analysis by Unsupervised Learning (The Kluwer International Series in Engineering and Computer Science, Volume 612) (The Springer International Series in Engineering and Computer Science) Modern Ceramic Engineering: Properties, Processing, and Use in Design, 3rd Edition (Materials Engineering) Modern Ceramic Engineering: Properties, Processing, and Use in Design, Third Edition (Materials Engineering) Ceramics: Mechanical Properties, Failure Behaviour, Materials Selection (Springer Series in Materials Science) Fundamentals of Earthquake Engineering (Civil engineering and engineering mechanics series) Fundamentals of Materials Science and Engineering: An Integrated Approach, 5th Edition Materials: engineering, science, processing and design; North American Edition Ceramic Materials: Science and Engineering The Science and Engineering of Materials: Solutions manual Fundamentals of Ceramics (Series in Materials Science and Engineering) Earthquake Engineering: From Engineering Seismology to Performance-Based Engineering G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008)

[Dmca](#)