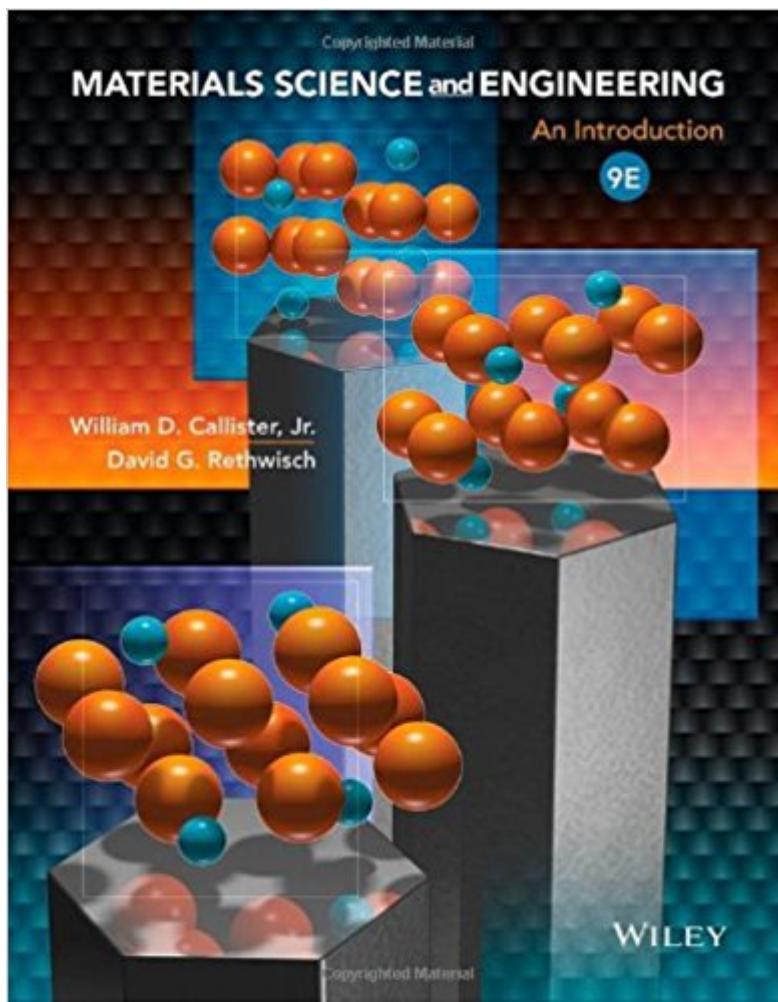


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# Materials Science And Engineering: An Introduction



## 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 supported by 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: 4.2 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars 121 customer reviews

Best Sellers Rank: #3,729 in Books (See Top 100 in Books) #5 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Materials Science #1040 in Books > Textbooks

## Customer Reviews

Most engineering books I've come across I can't read due to not knowing the engineering terms they expect you to know beforehand. This is the only book I've actually read and understood in engineering. It explains things well and doesn't use too much professional jargon that material science beginners would have to sort through. Thankful for engineering books like this that actually help me learn and not make me feel lost!!

Great product, on time shipping.

It's one of those books that everyone needs to read just to get their footing in the subject, but

doesn't cover any one topic (beyond basic crystallography) in sufficient depth to provide a deep understanding to the reader.

Arrived in good shape. The book itself isn't really that impressive. I'm basically using it in an online class that has no prereqs. For this purpose the book seems a bit too advanced. On the other side of the coin, if someone has a chemistry and physics background, I don't think they would be overly impressed either. It doesn't show or explain how many of the formulas are derived.

This is a great book. So great in fact that it walked away from my desk at work. Apparently, I'm not the only person who thinks it's an excellent and comprehensive materials science book.

Bought used, came with severely damaged binding, and the first few pages are torn, but it does the job.

Bought this for my best friend who's a chemE. She passed her exams and doesn't seem too have died from trying to study yet, so I'd call this a success.

Pretty good book for explaining all the fundamentals and introduction to MSE. Was required for my class but I'm glad I got it anyways as it had a lot of good info.

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