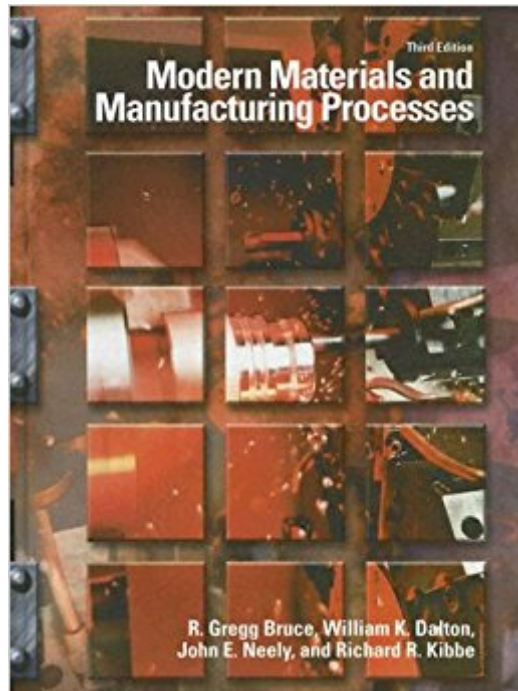


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# Modern Materials And Manufacturing Processes (3rd Edition)



## Synopsis

This book introduces the current state-of-the-art technology in materials and manufacturing processes with an emphasis on the rapidly growing technologies in the plastics and aerospace industries. It takes a unique approach by presenting specific materials and manufacturing processes, then progresses into a discussion of the ways in which these materials and processes are integrated into today's functioning manufacturing industry. **KEY TOPICS** A four-part organization presents materials and their applications; covers specific manufacturing processes; emphasizes tolerances, measurement, and calibration; and discusses the design, tooling, and production aspects of manufacturing. For individuals preparing for an engineering technology career.

## Book Information

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Average Customer Review: 4.6 out of 5 stars 12 customer reviews

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## Customer Reviews

"I like your book for a survey of manufacturing processes. Most other books go into such detail that it could take two, three, or four courses to fully cover the material. It is difficult to use a book of that depth as an introduction to manufacturing; your book will do the job." &#151; Thomas J. Beck, Texas A&M University "The text's strengths are excellent illustrations, breadth of topics, and easy-to-understand treatment." &#151; Ramamurthy Prabhakaran, Old Dominion University

Modern Materials and Manufacturing Processes, Third Edition, is an introductory text that presents broad coverage of both materials and processes, from raw material to finished product: The text is

written for a survey course that covers both materials and manufacturing processes at the technology level. In the third edition, topics have been reordered and updated throughout to be more logical and complete. For instance, the new Chapter 7 introduces design requirements before subsequent chapters cover manufacturing processes. Manufacturing processes are covered before measurement and quality assurance. New and updated illustrations in every chapter maintain the texts reputation for abundant and excellent graphics. New features of this edition: New and updated illustrations throughout Key Terms feature begins each chapter New introductory summary at start of each chapter New "Introduction" chapter Expanded coverage of ceramics, plastics, and composites New Chapter 7, "Design Specifications and the Capability of the Manufacturing Process," introduces requirements before the subsequent chapters cover manufacturing processes New Chapter 22 covers automation and mass production Glossary with 160 new entries Other features of this text: Review Questions end each chapter Case Problems in most chapters Boldface glossary terms throughout chapter discussions

It is a textbook, I can't say much more about it. It reads as though the old Dry Eyes Visine commercial guy wrote it. It has pages, words, and covers the material.

I got this book for class because it was required. It's very detail oriented and very engineering heavy. I hope you have a good instructor for the first 4 chapters. lol

This book is a little on the dry side at times, but has a wealth of great information and teaches the subject matter well.

Its in a good condition and a nice book

Great read

we got it for our son's class the best prices ever..

On a budget, I bought this book online for my son's college classes. Same book as the college book store, just much cheaper!

Excellent

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