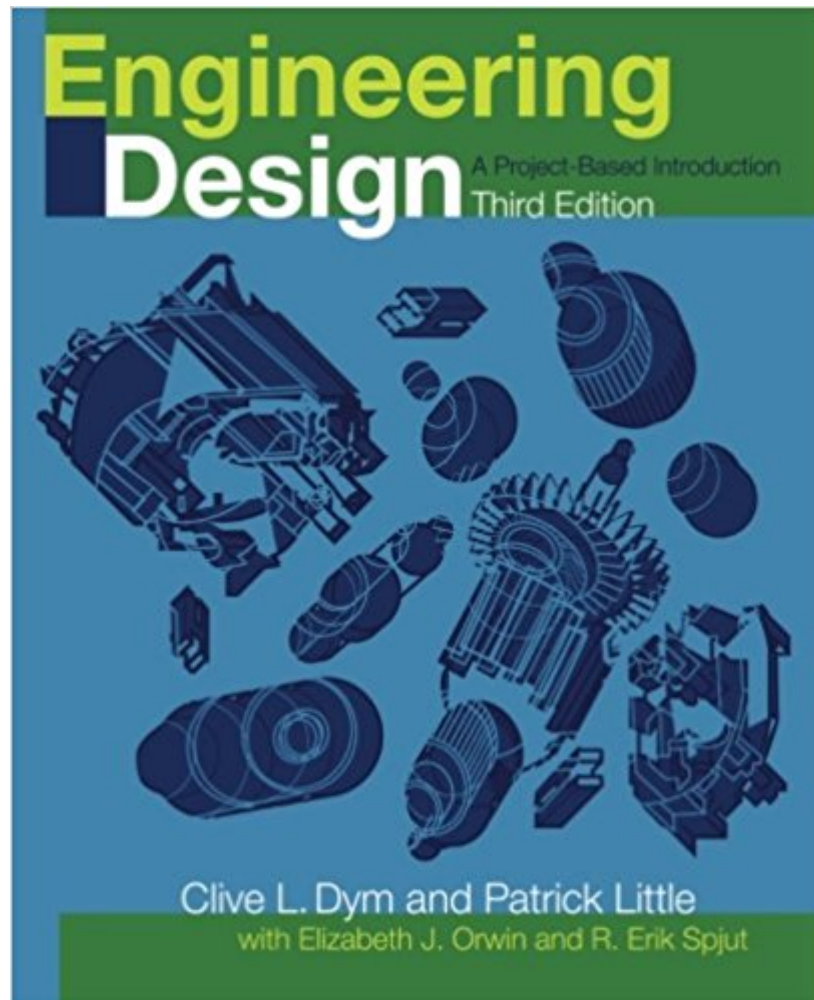




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# Engineering Design: A Project Based Introduction



## Synopsis

Engineers continue to turn to Engineering Design to learn the tools and techniques of formal design that will be useful in framing the design problems. Insights and tips on team dynamics are provided because design and research is increasingly done in teams. Readers are also introduced to conceptual design tools like objectives trees, morphological charts, and requirement matrices. Case studies are included that show the relevance of these tools to practical settings. The third edition offers a view of the design tools that even the greenest of engineers will have in their toolbox in the coming years.

## Book Information

Paperback: 352 pages

Publisher: Wiley; 3 edition (August 18, 2008)

Language: English

ISBN-10: 0470225963

ISBN-13: 978-0470225967

Product Dimensions: 7.6 x 0.6 x 9.2 inches

Shipping Weight: 1.2 pounds

Average Customer Review: 3.6 out of 5 stars 16 customer reviews

Best Sellers Rank: #121,355 in Books (See Top 100 in Books) #15 in Books > Engineering & Transportation > Engineering > Design #42 in Books > Engineering & Transportation > Engineering > Mechanical > Drafting & Mechanical Drawing #35158 in Books > Textbooks

## Customer Reviews

This book is very handy for my Engineering Innovation class! This book provides very useful information for not only engineering design, but also for other things too. For example, one chapter provides very helpful information about presenting designs in both oral and written forms, which is really nice. The book is very detailed and has an easy-to-understand format which makes taking notes and applying them to class discussion, projects, etc. so much easier! I think this book would be helpful for anyone in Engineering, and not just the people taking the class. It was so nice to get it for the price I did too. At my school's book store it would have cost a fortune! It is in almost brand new condition and doesn't have any marks. (yeaa for books in good condition!)

This book is the format for my capstone design class. We had three assignments based on some design documents the text suggested. These were alright, but not overly helpful in guiding nor

progressing our design. The other chapters, like the one on group management, were more helpful. Design is a difficult process to generalize or outline. The author does a good job with that part of it. I didn't care as much for the 'emotional' side of things, not because the information was false or unhelpful, but because the ideas are difficult to convey to engineers. Overall, this text guides the design process well.

turned out that i don't need it.. but still kept it, just in case.

Book for my child for school. Nothing to "love" or "dislike" about it as it's just a school book. Purchase went smoothly.

I can't speak too much about what's inside the book, but the way it came in was great! I believe it was on time and it was definitely in great condition!

Book was required as a supplement book for senior design class at my college. Mechanical engineering major. Talks about the design process, ethics, presentation habits, business letter guidelines, CAD drawing tolerances and those type of things. Very good I guess. Note, It's not an actual mechanical engineering design book, its more about the business and ethics aspect of it.

A bit long and winded, but is detailed and explains concepts well

finished class good book

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