Synopsis

Technical Drawing and Engineering Graphics, Fourteenth Edition, provides a clear, comprehensive introduction and detailed, easy-to-use reference to creating 2D documentation drawings and engineering graphics by hand or using CAD. It offers excellent technical detail, up-to-date standards, motivating real-world examples, and clearly explained theory and technique in a colorful, highly visual, concisely written format. Designed as an efficient tool for busy, visually oriented learners, this edition expands on well-tested material, bringing its content up-to-date with the latest standards, materials, industries and production processes. Colored models and animations bring the material to life for the student on the bookâ€™s companion website. Updated exercises that feature sheet metal and plastic parts are a part of the excellent Giesecke problem set.

Book Information

Hardcover: 936 pages
Publisher: Peachpit Press; 14 edition (January 7, 2011)
Language: English
ISBN-10: 0135090490
Product Dimensions: 8.6 x 1.4 x 10.9 inches
Shipping Weight: 3.9 pounds (View shipping rates and policies)
Average Customer Review: 4.5 out of 5 stars  See all reviews (47 customer reviews)
Best Sellers Rank: #107,614 in Books (See Top 100 in Books)  #23 in Books > Engineering & Transportation > Engineering > Mechanical > Drafting & Mechanical Drawing  #115 in Books > Textbooks > Computer Science > Graphics & Visualization  #153 in Books > Computers & Technology > Programming > Graphics & Multimedia

Customer Reviews

This is a terrible book required by two of my classes. Many of the images look like they have been poorly copied 14 times (at least) and are very hard to read. On numerous occasions the instructor had to give out dimensions for homework assignments because no one could figure out what the text in the book was saying, and some assignments were handed out copies from an earlier edition...the same drawings, just less crap because they had been copied fewer times. There are also more than a few incorrect pieces of information scattered through the book...not too bad for a first or second edition but really pathetic for a 14th edition. I realize the reason for making new editions is to force people to buy new books and stop using the old ones...but they could at least fix
the errors that people email them about. The book is also extremely outdated; a huge portion of it is
dedicated to drafting by hand...not to understanding old drawings, but to actually making them. I am
actually a bit angry with my school for using this book...given how outdated it is an how much worse
than the just-as-outdated previous editions it is, it would make a lot more sense to require the 10th
edition or something. Note: if you have a class that requires this book, check to see if you will need it
again in future classes before deciding to rent it.

This is a great text book. If you are looking for a book to give you great drawings to create solid
model this book has it. I have use the drawing in this book to create a lot of stuff on Solidworks and
many have been impressed with it.

Explains most models and features used and transfers well to CAD design. Extensive book with
very detailed drawings. I do NOT consider it a book for beginners, however it does cover what you’ll
need to know eventually. I’ve used it as a reference as my training progressed. It’s worth having as
it covers it all in-depth.

I have been using this reference since the Fourth Edition. I am so impressed with how it still has
such a familiarity to it, yet with such modern interpretations. I am equally impressed with how well
the modern practices of todays 3D design concepts have been integrated with the techniques of an
old T-Square like me. A real must have for any dedicated mechanical designer.

I have used this book for more than one course. The drawings in there are nice to do when working
on any CAD program. I have used this book in five different courses because of the drawings.

As a Documentation Supervisor, this book provides the proper drafting practices that are often times
overlooked and forgotten. I would definitely recommend it to others.

This book was required for my Engineering Graphics class. I took this class as an independent
study course, which made me a little nervous as it was TRULY independent. I never met with the
instructor, although I could email if I got stuck. Thanks to this book, I never had to ask any
questions. I recommend this book for anyone who is either just learning AutoCad, or anyone who is
already comfortable with the software but needs to work on design standards. My only complaint is
that the binding completely came apart from the cover within 3 weeks of delivery. Because I rented
the book instead of purchasing it, I just hope I don't get charged. When I received the book, it had a lot of writing in it, although all of it was in fairly light pencil.

I got this book for an engineering cad course. we didn't use it too much. I can't really say much about it unfortunately. It seems very in-depth though. I have heard several complaints about some of the example drawings and drafts being incorrect though, and how the publisher has not corrected them for several editions for whatever reason.

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