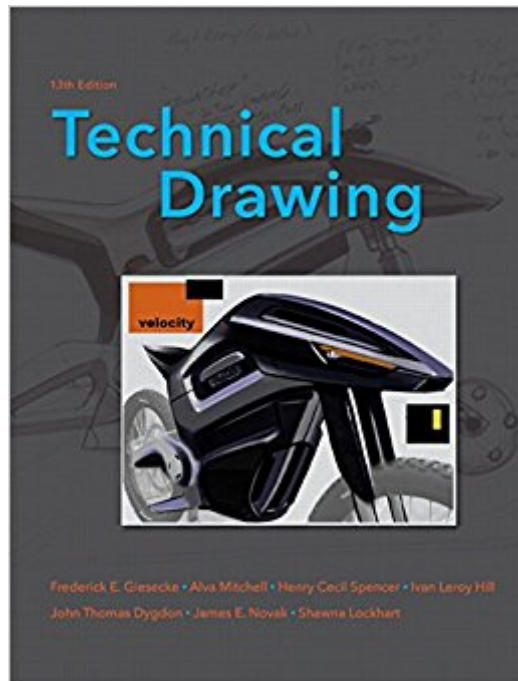




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Technical Drawing (13th Edition)



Synopsis

For courses in Engineering Graphics/Technical Drawing and Drafting/Technical Sketching. This authoritative text provides a clear and comprehensive introduction to Technical Drawing and provides instruction to help students create 2D drawings by hand or by using Computer-Aided Drafting. It provides excellent technical detail, up-to-date standards, real-world examples and clearly explained theory and techniques

Book Information

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Customer Reviews

Technical Drawing is the authoritative text on drawing and graphics-- its complete coverage has successfully trained students for 60 years and still dominates the market. Technical Drawing has the best set of fully machinable working drawings--now updated to reflect current ANSI standards. The Tenth Edition has been redesigned to appeal to today's visually oriented students, but retains the practical step-by-step explanations of procedures and excellent problems that has made this book so successful in past editions. --This text refers to an out of print or unavailable edition of this title.

Preface ABOUT THIS BOOK Over the last sixty years, Technical Drawing has taught well over a million students the practices and techniques of graphical communication. Both instructors and their students have come to depend on this text as the authority on the subject, and most students have used this book as a professional reference long after they have finished taking this course. Why has this book been so successful? First, the main goal of the text has always been to explain each

principle so clearly that the student is certain to understand it, and to make the text interesting enough to encourage all students to read and study on their own. Second, this book has also had what are unquestionably the best, most detailed, and accurate set of drawings on the market. A student skilled with this book's drawings will have a full repertoire of graphical skills in his or her hands. Lastly, Technical Drawing continually has sought to address the new technologies and the skills that constantly change this field. By doing so, this text prepares students to enter the marketplace and face the challenges of a rapidly changing playing field. THE ELEVENTH EDITION

The Eleventh Edition of Technical Drawing continues to offer the best coverage of basic graphics principles available. Edition after edition, this text serves as the authoritative source on the subject. With this new version, we have acted upon the requests of over 30 reviewers to improve certain aspects of the book while preserving its core presentation. In particular, this new volume features: Greatly increased coverage of the design process in Chapter 14. This chapter now includes coverage of 3D solid modeling, and parametric or constraint-based modeling. Thoroughly revised chapter on manufacturing processes. We especially thank Professor Serope Kalpakjian of the Illinois Institute of Technology and the author of Manufacturing Engineering and Technology for his assistance with this chapter. Over 50 brand new questions /problems. These problems feature parts that come from a variety of industries. Material on Instrumental Drawing and Lettering condensed to one chapter. New coverage of Geometric Dimensioning and Tolerancing. Extensive updating of text graphics to comply to most recent ANSI standards. New "Graphics Spotlights" feature that highlights a particular use of graphics in industry. A decrease in the overall size of the book. Instructors have told us that students are finding books too large. However, they want their students to have access to important reference material. To achieve both these goals, we have eliminated the chapters on Graphs and Diagrams and Alignment Charts included in the last edition, and included them in Adobe pdf format on a free CD. This CD also contains over 30 animations of graphics concepts. Updated web site <http://prenhall.com/giesecke> now includes even more questions for review, as well as a new feature available for January of 2000 that lets professors create their own on-line syllabus. Using a simple interface, instructors build a graphic assignment list and use it to interact with their class over the web. This site also features links to other graphics related areas, a selection of animations available for class instruction or student review, an exploration of VRML technology, a case studies exploring how graphics communication is handled at an engineering company, and more. This site will be a constant resource to help instructors and students remain as current as possible. Eight -Page Color Insert. To give students a feel for how color is often used in CAD software and other technological processes, but without overloading and obscuring the book's core

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This rating doesn't have anything to do with the book - it came in great condition - my problem was I ordered two books and only got one. Understanding things can get mixed up in transit (or whatever), I waited a month or so before sending an email asking about the book. I was hoping to get a quick response but never got one (I think?). It is what it is. Anyway, this is an awesome book for anybody looking for an introduction to drafting standards/methods; I highly recommend it to anyone who is serious about a starting position in the technical/mechanical drafting field. The book offers a lot of great visualization exercises that involve different follow-along practice methods for complex modeling.

I have drawn many of the projects in this book, and it is a good reference too, yet it seems to be a workbook. Tear the pages out and put them on your drawing board.

The book arrived on time and for that I have no problem, the shipping service worked great. My unhappiness results from the book not being complete. During a recent classroom session we were directed to turn to the appendix, imagine my dismay when the appendix was not in the book. A further review of the book revealed several of the photos were not present and in place of the photo "FPO" in place of the graphics.

Great Buy... Will order this item again.

This book is an excellent reference for anyone needing an introduction to or a reference for technical drawing. Most of the content concerning machine component drawings are geared (no pun intended) more toward traditional methods for technical drawings (i.e. compass, ruler and pencil), but the methods given are well suited to modern computer-oriented methods of solid

modeling. Engineers in the manufacturing industry will find it especially useful, as it can be a helpful reference for weldment drawings.

Lots of great drawings; definitely learned core drawing mechanics that I still use today.

Book came as advertised, in good condition. The text will be a good way to self teach technical drawing.

Bought this book for a CAD class I was taking. This edition is one edition off from the newest one which means the price on it was excellent.

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