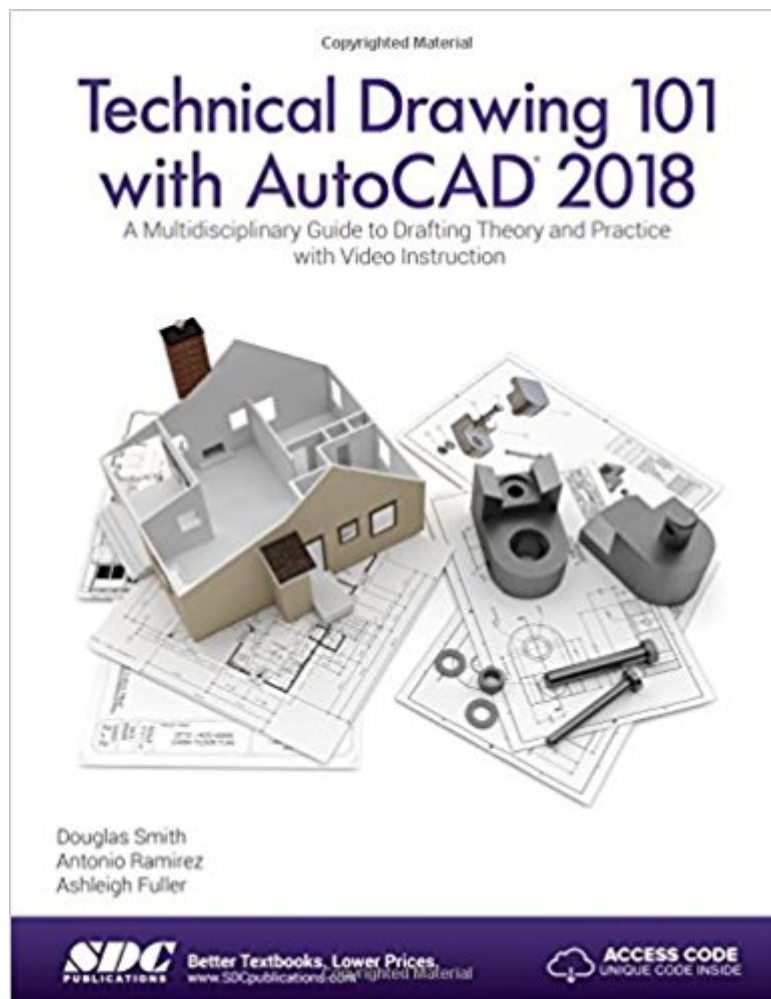


The book was found

Technical Drawing 101 With AutoCAD 2018



Synopsis

Technical Drawing 101 covers topics ranging from the most basic, such as making freehand, multiview sketches of machine parts, to the advanced creating an AutoCAD dimension style containing the style settings defined by the ASME Y14.5-2009 Dimensioning and Tolerancing standard. But unlike the massive technical drawing reference texts on the market, Technical Drawing 101 aims to present just the right mix of information and projects that can be reasonably covered by faculty, and assimilated by students, in one semester. Both mechanical and architectural projects are introduced to capture the interest of more students and to offer a broader appeal. The authors have also created extensive video training (120 videos, 15 hours total) that is included with every copy of the book. In these videos the authors start off by getting students comfortable with the user interface and demonstrating how to use many of AutoCAD's commands and features. The videos progress to more advanced topics where the authors walk students through completing several of the projects in the book. The CAD portion of the text incorporates drafting theory whenever possible and covers the basics of drawing setup (units, limits, and layers), the tools of the Draw, Modify, and Dimension toolbars, and the fundamentals of 3D modeling. By focusing on the fundamental building blocks of CAD, Technical Drawing 101 provides a solid foundation for students going on to learn advanced CAD concepts and techniques (paper space, viewports, xrefs, annotative scaling, etc.) in intermediate CAD courses. In recognition of the diverse career interests of our students, Technical Drawing 101 includes projects in which students create working drawings for a mechanical assembly as well as for an architectural project. We include architectural drawing because our experience has shown that many (if not most) first-semester drafting students are interested in careers in the architectural design field, and that a traditional technical drawing text, which focuses solely on mechanical drawing projects, holds little interest for these students. The multidisciplinary approach of this text and its supporting materials are intended to broaden the appeal of the curriculum and increase student interest and, it is hoped, future enrollments.

Table of Contents

1. Technical Drawing
2. Multiview Drawing
3. Traditional Drafting Tools and Techniques
4. Computer-Aided Design Basics
5. Dimensioning Mechanical Drawings
6. Dimensioning Architectural Drawings
7. Isometric Drawings
8. Sections
9. Auxiliary Views
10. Blocks
11. Mechanical Working Drawings
12. Architectural Working Drawings
13. 3D Modeling Basics

Appendix A: ANSI/ASME Standards
Appendix B: ISO Standards
Appendix C: United States National CAD Standard
Appendix D: Geometric Dimensioning and Tolerancing Basics
Glossary
Index

Book Information

Perfect Paperback: 500 pages

Publisher: SDC Publications; Pap/Psc edition (June 26, 2017)

Language: English

ISBN-10: 1630570982

ISBN-13: 978-1630570989

Product Dimensions: 1 x 8.2 x 10.5 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #100,625 in Books (See Top 100 in Books) #58 in [Books > Computers & Technology > Graphics & Design > CAD](#) #86 in [Books > Computers & Technology > Graphics & Design > Computer Modelling](#) #155 in [Books > Arts & Photography > Architecture > Drafting & Presentation](#)

[Download to continue reading...](#)

Drawing: Drawing For Beginners - The Complete Guide to Learn the Basics of Pencil Drawing in 30 Minutes (How To Draw, Drawing Books, Sketching, Drawing ... Drawing Girls, Drawing Ideas, Drawing Tool) ANIME Drawing BOX set 5-in-1: Anime Drawing for Beginners, Drawing Anime Faces, Drawing Anime Emotions, Manga Drawing for Beginners, Anime Drawing Practical Guide Technical Drawing 101 with AutoCAD 2018 Mastering AutoCAD 2018 and AutoCAD LT 2018 Drawing: Drawing and Sketching,Doodling,Shapes,Patterns,Pictures and Zen Doodle (drawing, zentangle, drawing patterns, drawing shapes, how to draw, doodle, creativity) Drawing: Drawing for Beginners:The Best Guide to Learn How to Draw, Sketch, and Doodle like a Pro in a Few Minutes (sketching, pencil drawing, how to draw, doodle, drawing, drawing techniques) Drawing: Drawing For Beginners- The Ultimate Guide for Drawing, Sketching,How to Draw Cool Stuff, Pencil Drawing Book (Drawing, Learn How to Draw Cool Stuff) Drawing For Beginners: The Ultimate Crash Course on How to Draw, Pencil Drawing, Sketching, Drawing Ideas & More (With Pictures!) (Drawing On The Right ... Analysis, Drawing For Beginners) AutoCAD 2018 for the Interior Designer: AutoCAD for Mac and PC Mastering AutoCAD 2017 and AutoCAD LT 2017 Anime Drawing Complete Guide: From Simple Sketching to Professional Drawing (Drawing Anime Faces, Anime Emotions, Anime for Beginners from scratch) (Anime and Manga Drawing Lessons Book 1) Drawing For Beginners to Expert: How to Draw Comics (Drawing, Comics, Sketching, Inking, Doodle Drawing, Drawing Manga, Cartoons) Drawing: The Complete Guide to Drawing, Sketching, Zendoodle & More! (Sketching, Pencil drawing, Drawing patterns) Drawing for Beginners: How to Draw Sea World, Drawing Comics, Drawing Animals, Drawing Cartoons (how to draw comics and cartoon characters

Book 11) Up and Running with AutoCAD 2016: 2D and 3D Drawing and Modeling Drawing: Drawing for Beginners- Drawing Like a Pro in Less than an Hour with just Pencil and Paper Drawing Anime Faces: How To Draw Anime For Beginners: Drawing Anime And Manga Step By Step Guided Book (Anime Drawing Books) How To Draw Anime: Easy step by step book of drawing anime for kids (Anime drawings, How to draw anime manga, Drawing manga) (Basic Drawing Hacks) (Volume 7) Drawing Anime Emotions: From Zero Step to Professional Drawing (Anime Drawing by Li Shen) (Volume 2) Anime Drawing Complete Guide: From Simple Sketching to Professional Drawing (Anime and Manga Drawing Lessons) (Volume 1)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)