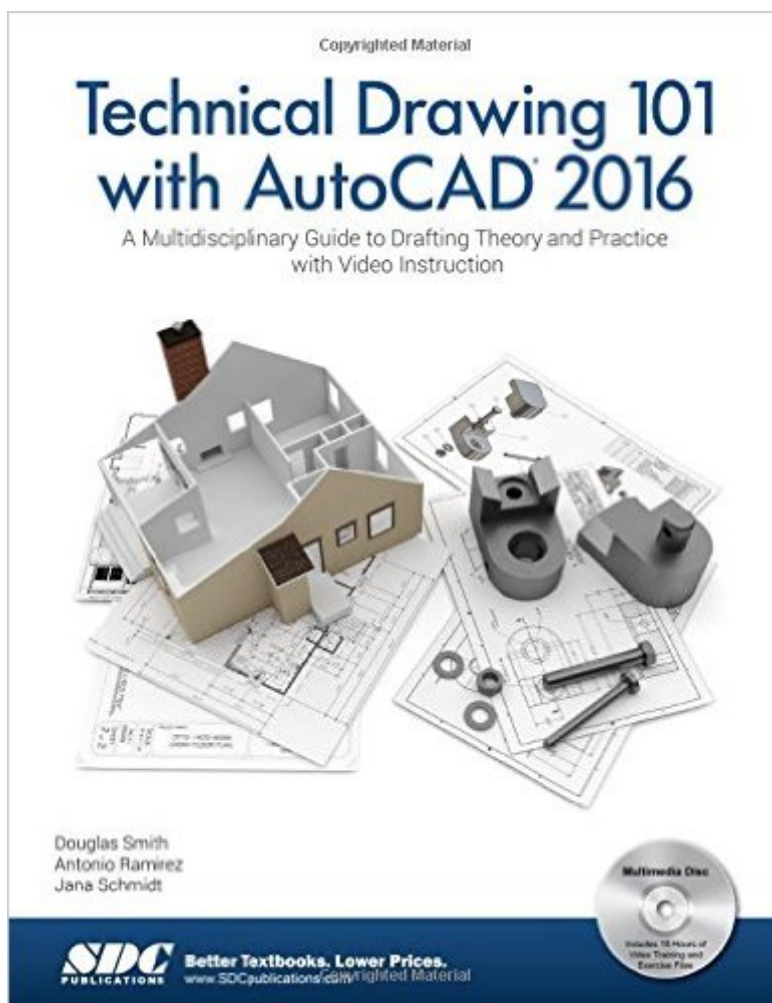


The book was found

Technical Drawing 101 With AutoCAD 2016



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 (101 videos, nearly 11 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 tools and commands. 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 is intended to broaden the appeal of the curriculum and increase student interest and, it is hoped, future enrollments.

Table of Contents
Technical Drawing
Multiview Drawing
Traditional Drafting Tools and Techniques
Computer-Aided Design Basics
Dimensioning Mechanical Drawings
Dimensioning Architectural Drawings
Isometric Drawings
Sections
Auxiliary Views
Blocks
Mechanical Working Drawings
Architectural Working Drawings
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: 508 pages

Publisher: SDC Publications (May 6, 2015)

Language: English

ISBN-10: 1585039632

ISBN-13: 978-1585039630

Product Dimensions: 1.2 x 8.5 x 11 inches

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

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (3 customer reviews)

Best Sellers Rank: #528,565 in Books (See Top 100 in Books) #292 in [Books > Computers & Technology > Graphics & Design > CAD](#) #444 in [Books > Computers & Technology > Graphics & Design > Computer Modelling](#) #702 in [Books > Arts & Photography > Architecture > Drafting & Presentation](#)

Customer Reviews

This item, was a gift for a cousin. And it seem to arrived just how it was indicated as well it arrive really fast.

Perfect to learn how to use AutoCAD.

Great and quick

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

Technical Drawing 101 with AutoCAD 2016 Mastering AutoCAD 2014 and AutoCAD LT 2014: Autodesk Official Press Mastering AutoCAD 2017 and AutoCAD LT 2017 AutoCAD 2017 and AutoCAD LT 2017 Essentials Controlar AutoCAD con AutoLISP/Visual LISP (Experto AutoCAD con Visual LISP n^o 2) (Spanish Edition) DIY Projects Box Set: 25 Simple Ways to Cut Your Spending. Tips and Techniques to Create Indoor Garden Plus Drawing and Zendoodle Basic Lessons (frugal living, Indoor Gardening, drawing lessons) Technical Drawing (12th Edition) Machine Interpretation of Line Drawing Images: Technical Drawings, Maps and Diagrams Technical Drawing with Engineering Graphics (14th Edition) Technical Drawing (13th Edition) Technical Drawing and Engineering Communication (Applied English) AutoCAD 2016 For Architectural Design: Floor Plans, Elevations, Printing, 3D Architectural Modeling, and Rendering AutoCAD and Its Applications Basics 2016 Mastering AutoCAD Civil 3D 2016: Autodesk Official Press Introduction to AutoCAD 2016: 2D and 3D Design Vocational & Technical Schools West: More Than 2,300 Vocational Schools West of

the Mississippi River (Peterson's Vocational & Technical Schools & Programs: West) Vocational & Technical Schools - East: More Than 2,600 Vocational Schools East of the Mississippi River (Peterson's Vocational & Technical Schools & Programs: East) Satellite Basics For Everyone: An Illustrated Guide to Satellites for Non-Technical and Technical People Profitable Horse Race Betting: Technical Analysis: Technical Analysis Using Stock Market Techniques Technical Communication 11e & LaunchPad for Technical Communication 11e (Six Month Access)

[Dmca](#)