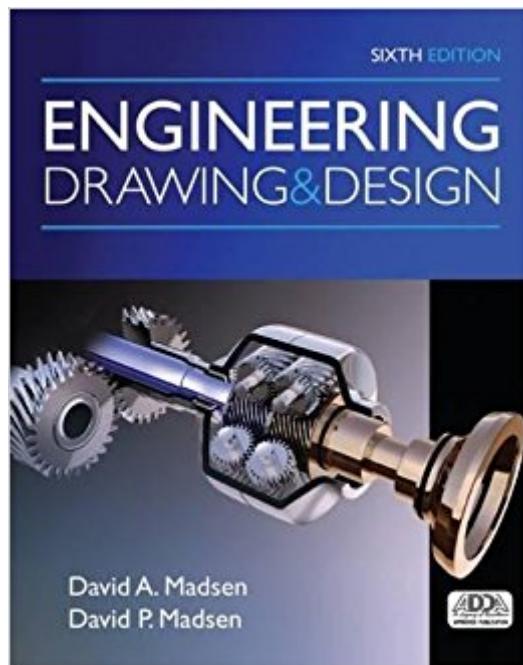


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# Engineering Drawing And Design



## **Synopsis**

For more than 25 years, students have relied on this trusted text for easy-to-read, comprehensive drafting and design instruction that complies with the latest ANSI and ASME industry standards for mechanical drafting. The Sixth Edition of ENGINEERING DRAWING AND DESIGN continues this tradition of excellence with a multitude of real, high-quality industry drawings and more than 1,000 drafting, design, and practical application problems--including many new to the current edition. The text showcases actual product designs in all phases, from concept through manufacturing, marketing, and distribution. In addition, the engineering design process now features new material related to production practices that eliminate waste in all phases, and the authors describe practices to improve process output quality by using quality management methods to identify the causes of defects, remove them, and minimize manufacturing variables.

## **Book Information**

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## **Customer Reviews**

David A. Madsen is an emeritus faculty member in drafting technology and the Autodesk Premier Training Center at Clackamas Community College in Oregon City, Oregon, where he also served as an instructor and department chairperson for nearly 30 years. In addition to his community college experience, David served as a drafting technology instructor at Centennial High School in Gresham, Oregon. He is a former member of the American Design and Drafting Association (ADDA) Board of Directors and was honored by the ADDA with Director Emeritus status at the annual conference in 2005. David is an Autodesk Authorized Author and has extensive experience in mechanical drafting,

architectural design and drafting, and building construction. He holds a master of education degree in vocational administration and a bachelor of science degree in industrial education. He is the author of ENGINEERING DRAWING AND DESIGN, GEOMETRIC DIMENSIONING AND TOLERANCING, and PRINT READING FOR ENGINEERING AND MANUFACTURING TECHNOLOGY, and coauthor of ARCHITECTURAL AUTOCAD; ARCHITECTURAL DESKTOP AND ITS APPLICATIONS; ARCHITECTURAL DRAFTING AND DESIGN; ARCHITECTURAL DRAFTING USING AUTOCAD; AUTOCAD AND ITS APPLICATIONS: BASICS, ADVANCED, AND COMPREHENSIVE; AUTOCAD ARCHITECTURE AND ITS APPLICATIONS; AUTOCAD ESSENTIALS; CIVIL DRAFTING TECHNOLOGY; and PRINT READING FOR ARCHITECTURE AND CONSTRUCTION TECHNOLOGY. David P. Madsen is president of Engineering Drafting & Design, Inc., and vice president of Madsen Designs Inc. Dave provides drafting and design consultation and training for all disciplines and is an Autodesk Authorized Author. He has been a professional design drafter since 1996 and has extensive experience in a variety of drafting, design, and engineering disciplines. Dave has provided drafting and computer-aided design and drafting instruction to secondary and postsecondary learners since 1999, and he has considerable curriculum and program coordination and development experience. Dave holds a master of science degree in educational policy, foundations, and administrative studies, with a specialization in postsecondary, adult, and continuing education. He also holds a bachelor of science degree in technology education and an associate of science degree in general studies and drafting technology. Dave is the author of INVENTOR AND ITS APPLICATIONS and coauthor of ARCHITECTURAL DRAFTING AND DESIGN, ARCHITECTURAL DRAFTING USING AUTOCAD, AUTOCAD AND ITS APPLICATIONS: BASICS AND COMPREHENSIVE, CIVIL DRAFTING TECHNOLOGY, ENGINEERING DRAWING AND DESIGN, GEOMETRIC DIMENSIONING AND TOLERANCING, PRINT READING FOR ARCHITECTURE AND CONSTRUCTION TECHNOLOGY, and PRINT READING FOR ENGINEERING AND MANUFACTURING TECHNOLOGY.

I needed this for a class where I learned SolidWorks 2016. This book is very generic when it comes to teaching software, offering little to no help, then again, this edition is REALLY dated. It's best for learning the history of drafting and manual drafting techniques. Obviously, it's very dry and boring.

This is an excellent book for learning design, CAD stuff, dimensioning, tolerancing, and everything in between. My teacher chose this book because it is such a wealth of information. The writing in

this book is also reader friendly. A good reference after you finish the classes the book is required for. I'm holding onto this book even though I could get a decent amount of money if I were to resell.

According to my husband this is the quintessential, only, bible for digital drafting and design students. He relies on it constantly.

So far it's been a great read. The only problem with getting the Kindle version is that the CD is not included.

Very good condition

I was very pleased in all respects with the way you promptly processed my order for "Engineering Drawing and Design" by Madsen. I received my book in excellent condition and ahead of schedule. Cudos!

I got this for a class, but it is so full of information that it is a great reference book. The charts in the back alone about different hardware specs are very extensive.

Exactly what I needed and great shipping time.

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