



Engineering Drawing and Design

By David A. Madsen, David P. Madsen

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Engineering Drawing and Design By David A. Madsen, David P. Madsen Bibliography

- Sales Rank: #1036818 in Books
- Published on: 2016-02-17
- Original language: English
- Number of items: 1
- Dimensions: 1.70" h x 8.80" w x 11.00" l, .0 pounds
- Binding: Hardcover
- 1065 pages

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Editorial Review

About the Author

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.

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