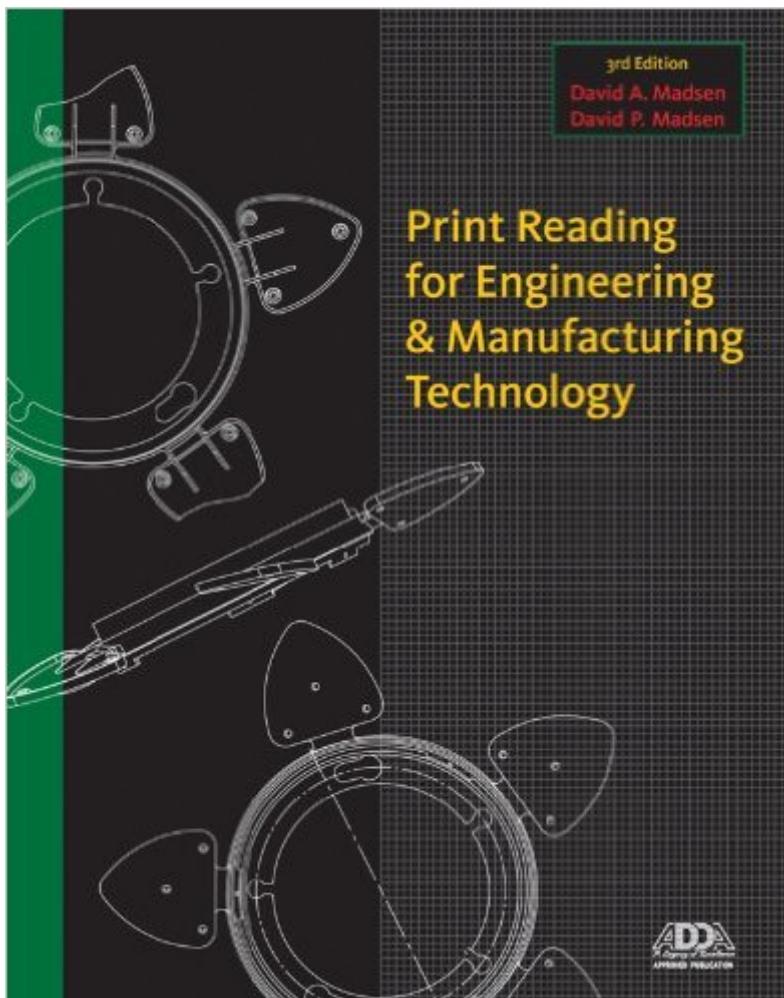


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# Print Reading For Engineering And Manufacturing Technology



## **Synopsis**

To fully understand the information found on real-world manufacturing and mechanical engineering drawings, your students must consider important information about the processes represented, the dimensional and geometric tolerances specified, and the assembly requirements for those drawings. This enhanced edition of PRINT READING FOR ENGINEERING AND MANUFACTURING TECHNOLOGY 3E takes a practical approach to print reading, with fundamental through advanced coverage that demonstrates industry standards essential for pursuing careers in the 21st century. Your students will learn step-by-step how to interpret actual industry prints while building the knowledge and skills that will allow them to read complete sets of working drawings. Realistic examples, illustrations, related tests, and print reading problems are based on real world engineering prints that comply with ANSI, ASME, AWS, and other related standards.Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

## **Book Information**

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## **Customer Reviews**

I teach print reading to drafting and manufacturing technology students at a community college and I have used the Madsen Print Reading for Engineering and Manufacturing Technology workbook starting with the first edition. I like this book, because the contents are concise yet comprehensive. Information is easy to read and figures are clear and accurate. I like that numerous figures support learning specific topics and then complete industry prints are used strategically throughout each chapter to "pull it all together". An excellent way for students to learn how to read prints is to be exposed to many actual industry examples. Each chapter has a test for review or evaluation, along with numerous chapter-related print reading problems. The print reading problems are actual industry prints created using state-of-the-art technology and current standards. This book has the most comprehensive manufacturing materials and processes content found in any textbook. The third edition has significantly improved on the first two editions with expanded coverage in all areas and content that complies with ASME Y14.5-2009, providing excellent dimensioning, tolerancing, and GD&T coverage. Most textbooks provide incomplete PowerPoint presentations, but the PowerPoints for this book cover everything, which is excellent for teaching. There are also complete chapter-related ExamView questions and other instructor resources, such as course syllabus. I have compared other print reading texts and found most contain inaccurate prints that do not comply with standards.

I am an Adjunct Instructor at ITT-Technical Institute in the Drafting & Design Program and an Mechanical Engineer for over 25 years. The textbooks provided to the students are good, but I have used the "Print Reading for Engineering & Manufacturing Technology" to develop my lesson plans, labs, and class projects. This text is leaps and bounds ahead of other traditional drafting books. Some drafting text books have not utilized the industry resources to improve the visual examples - figures - pictures in the content. The author, David Madsen, has taken the drafting and manufacturing text book to the next level. I would highly recommend this text and others that Mr. Madsen has produced to teachers, instructors, and professors. It is my "go to" textbook.

This book was a "kindle" version of the original text book. It didn't have page numbers....instead it went by percentages, which made it so difficult to use during class. It didn't have all the images as the real text book and with much less detail....plus the blue prints were way too blurry to make out any of the writing . I wish I would have just had a refund or exchanged it for a hard copy.

I teach print reading at a Community College to young students as well as older students that are

returning to school. Most of my students are in the Precision Machining curriculum and have some basic knowledge of Print Reading, however I also get some students that have no knowledge of the subject matter. This is a well-rounded book that touches on many different subjects relating to reading blueprints. The exercises in the backs of the chapters really help hone the student's ability to catch on. I also teach to private industry and use this book as well. I can pick and choose what chapters best serve my class from this book and still give them a quality lecture. I was also pleasantly surprised (in this edition) to see some drawings from one of my customers' and I even knew the Engineers that drew them, small world! I would recommend getting away from vernier calipers and spending more time on dial and digital calipers as this is what the industry uses most, not many vernier calipers still around.

So this is mostly my fault, but in my rush to get cheap schoolbooks on , I didn't notice that this wasn't a physical book. Yes, I am dumb. When it got to my house, I figured "oh well, it's online, that's fine, I'll just bring my laptop to class." When I activated the product, it soon became clear that it wasn't actually even the book, it was just additional stuff to go along with the book. Pretty annoying, and I don't think this product is labelled clearly enough.

it came fast and very good conditions. recommended classmates to buy it too. Thanks very much . will buy again .

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