

# Engineering Drawing Standards

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## ENGINEERING DRAWING STANDARDS SUMMARY COLLECTION: OPEN THE ESSENCE IN BITE-SIZED CHUNKS

Invite to our fascinating publication recap collection. We are delighted to present you to the globe of Engineering Drawing Standards recaps and just how they can enhance your analysis experience. As passionate viewers ourselves, we recognize the value of diving right into the heart of every story and finding its significance in bite-sized portions.

Engineering Drawing Standards publication summary collection offers simply that - a concise and interesting summary of the bottom lines and styles of a book. In today's hectic globe, we know that time is valuable, and our summaries are developed to conserve you time by giving a quick introduction of Engineering Drawing Standards's web content and understandings.

Our team of professional writers thoroughly curates our publication summary of Engineering Drawing Standards collection to make certain that we supply you with premium summaries that capture the essence of each book. Whether you are wanting to discover brand-new styles, uncover brand-new writers, or merely get much deeper insights into your preferred books, our collection has something for everybody.

Join us today and unlock the world of Engineering Drawing Standards summaries. Discover the advantages of condensing complex ideas right into easy and easy-to-understand language. Our publication recaps are a fantastic way to increase your expertise and broaden your perspectives without needing to spend hours of your time.

Keep tuned as we discover the concept of Engineering Drawing Standards, review their benefits, and provide suggestions on how to write effective summaries. With our assistance, you'll discover the best publication for your interests and unlock a world of knowledge.

## CHECKING OUT PUBLICATION RECAPS OF ENGINEERING DRAWING STANDARDS

At our book summary collection, we strongly rely on the power of checking out Engineering Drawing Standards. Not only can this open brand-new expertise and understandings, yet it can also save readers time and aid them make a decision which books to spend their time in. Allow's study the idea of Engineering Drawing Standards recaps and their benefits.

## What are book summaries?

Schedule summaries are compressed versions of a book's bottom lines and styles. They offer a quick overview of Engineering Drawing Standards's significance in bite-sized pieces. They can vary from a few paragraphs to a couple of pages.

## Why are they valuable?

Engineering Drawing Standards summaries are useful due to the fact that they enable readers to obtain a deeper understanding of a publication's bottom lines and styles without needing to review the full publication. They are particularly valuable for busy individuals who wish to stay educated yet may not have the moment to read an entire publication of Engineering Drawing Standards.

## How can they profit Engineering Drawing Standards readers?

Reserve summaries can benefit visitors by conserving time, giving a convenient review of Engineering Drawing Standards's significance, and helping viewers determine which books deserve investing even more time in. They enable readers to promptly and quickly obtain understandings and expertise without having to commit to checking out the full book of Engineering Drawing Standards.

- Conserves time
- Supplies a fast summary
- Assists Engineering Drawing Standards viewers make a decision which books to spend even more time in

Remain tuned for our following section where we will certainly dive deeper into the benefits of Engineering Drawing Standards.

## BENEFITS OF ENGINEERING DRAWING STANDARDS BOOK SUMMARIES

At our book summary collection, our team believe in the many advantages of reviewing Engineering Drawing Standards summaries. Below are a couple of essential benefits:

- **Time-saving:** With our hectic timetables, it can be challenging to discover time to review every publication we want. Our book summaries use a fast review of one of the most essential points without requiring to spend numerous hours in reviewing Engineering Drawing Standards entire

book.

- **Quick summary of Engineering Drawing Standards:** If there is a book you're interested in, however you're not sure if it's best for you, our publication summaries use a look right into the author's main points and writing style prior to buying the full book.
- **Boosted understanding in Engineering Drawing Standards:** For those that have checked out the whole publication, our book summaries supply an opportunity to rejuvenate your memory and uncover the bottom lines and motifs.

On the whole, book summaries of Engineering Drawing Standards offer a beneficial tool to enhance your reading experience and optimize your time and effort.

## HOW TO WRITE A PUBLICATION RECAP OF ENGINEERING DRAWING STANDARDS

Creating a book summary may appear like a difficult job, however it can actually be an enjoyable and gratifying experience. Right here are some crucial elements to remember when composing your book summary:

1. **Focus on the essence:** The objective of a book summary is to catch the essence of Engineering Drawing Standards in a concise and compelling means. Prevent getting captured up in the details and rather concentrate on the bottom lines and motifs that the author is trying to communicate.
2. **Maintain it quick:** Engineering Drawing Standards recap is implied to be a fast overview, so keep it brief. Adhere to one of the most essential details and stay clear of entering into too much depth.
3. **Include the primary characters:** Ensure to consist of a quick summary of the main personalities, including their names and any type of specifying characteristics or characteristics.
4. **Highlight the main motifs:** Determine the central motifs of Engineering Drawing Standards and highlight them in your summary. This will certainly give visitors a far better idea of what guide has to do with and what they can anticipate to gain from it.

By keeping these crucial elements in mind, you can write an effective and appealing book summary that catches the essence of Engineering Drawing Standards book and leaves viewers wanting extra.

## FINDING THE RIGHT ENGINEERING DRAWING STANDARDS BOOK SUMMARIES

Are you having a hard time to locate the right Engineering Drawing Standards recaps for your rate of interests? Do not fret, we have actually got you covered. Here are some tips on discovering premium book summaries:

## 1. Online Operating systems

Among the easiest methods to find Engineering Drawing Standards recaps is via online platforms. Internet sites like Blinkist, getAbstract, and Sumizeit use a range of recaps for different categories and categories. You can additionally check out Amazon Kindle's "Short Reads" area for fast, easy-to-digest summaries.

## 2. Book Testimonial Internet Sites

Book review internet sites like Goodreads and BookPage commonly feature summaries alongside their testimonials. They can give a much deeper understanding of Engineering Drawing Standards story and motifs while likewise offering understanding into the reader's experience. You can also check out their "advised" web page to uncover brand-new recaps.

## 3. Curated Collections

For viewers that choose a more individualized touch, curated collections are an excellent alternative. These collections are commonly developed by industry experts or enthusiasts and offer a list of must-read recaps for various styles. You can find them on blogs, podcasts, and even social media teams.

With these ideas, you can find the appropriate Engineering Drawing Standards publication recaps for your passions and choices. Delighted reading!

### Manual of Engineering Drawing *Elsevier*

The Manual of Engineering Drawing has long been recognised as the student and practising engineer's guide to producing engineering drawings that comply with ISO and British Standards. The information in this book is equally applicable to any CAD application or manual drawing. The second

edition is fully in line with the requirements of the new British Standard BS8888: 2002, and will help engineers, lecturers and students with the transition to the new standards. BS8888 is fully based on the relevant ISO standards, so this book is also ideal for an international readership. The comprehensive scope of this book encompasses topics including orthographic, isometric and oblique projections, electric and hydraulic diagrams, welding and adhesive symbols, and guidance on tolerancing. Written by a member of the ISO committee and a former college lecturer, the Manual of Engineering Drawing combines up-to-the-minute technical accuracy with clear, readable explanations and numerous diagrams. This approach makes this an ideal student text for vocational courses in engineering drawing and undergraduates studying engineering design / product design. Colin Simmons is a member of the BSI and ISO Draughting Committees and an Engineering Standards Consultant. He was formerly Standards Engineer at Lucas CAV. \* Fully in line with the latest ISO Standards \* A textbook and reference guide for students and engineers involved in design engineering and product design \* Written by a former lecturer and a current member of the relevant standards committees

**The Mechanical Engineering Drawing Desk Reference** *CreateSpace*

"Focusing on the technical drawing aspect of mechanical engineering design, the book shows exactly how to create technical drawings to a professional standard with 'As drawn' examples throughout which clearly show the layout and dimensions needed for your drawing, these are accompanied by notes which clearly explain the dimensioned features."-- Back cover.

**Mechanical Engineering Drawing Standards**

**Engineering Drawing for Manufacture** *Elsevier*

The processes of manufacture and assembly are based on the communication of engineering information via drawing. These drawings follow rules laid down in national and international standards. The organisation responsible for the international rules is the International Standards Organisation (ISO). There are hundreds of ISO standards on engineering drawing because drawing is very complicated and accurate transfer of information must be guaranteed. The information contained in an engineering drawing is a legal specification, which contractor and sub-contractor agree to in a binding contract. The ISO standards are designed to be independent of any one language and thus much symbology is used to overcome any reliance on any language. Companies can only operate efficiently if they can guarantee the correct transmission of engineering design information for manufacturing and assembly. This book is a short introduction to the subject of engineering drawing for manufacture. It should be noted that standards are updated on a 5-year rolling programme and therefore students of engineering drawing need to be aware of the latest standards. This book is unique in that it introduces the subject of engineering drawing in the context of standards.

**Mechanical Engineering Drawing Standards**

**The Mechanical Engineering Drawing Desk Reference: Creating and Understanding ISO Standard Technical Drawings**

The complete day-to-day mechanical engineering drawing reference guide. Focusing on the technical drawing aspect of mechanical engineering design, the book shows exactly how to create technical drawings to a professional standard. The book has been created to the latest ISO (the International Organization for Standardization) drawing standards, the worldwide federation of national standards bodies. This makes the book invaluable for anyone creating or interpreting technical drawings throughout the world. Essential for designers, draftsmen, CAD users, engineers, technicians, inspection and workshop professionals, engineering students, hobbyists and inventors. 'As drawn' dimensioning examples given in all sections of the book 2D and 3D graphics throughout Simply arranged and quick to use Large format presentation for clarity All explanations and notes written in easy to understand plain English. A preview of this book can be seen at <http://www.lulu.com/content/639645>

**Geometric and Engineering Drawing** *Routledge*

For all students and lecturers of basic engineering and technical drawing The new edition of this successful text describes all the geometric instructions and engineering drawing information, likely to be needed by anyone preparing or interpreting drawings or designs. There are also plenty of exercises to practise these principles.

**Perfecting Engineering and Technical Drawing** *Springer*

This concise reference helps readers avoid the most commonplace errors in generating or interpreting engineering drawings. Applicable across multiple disciplines, Hanifan's lucid treatment of such essential skills as understanding and conveying data in a drawing, exacting precision in dimension and tolerance notations, and selecting the most-appropriate drawing type for a particular engineering situation, "Perfecting Engineering and Technical Drawing" is an valuable resource for practicing engineers, engineering technologists, and students. Provides straightforward explanation of the requirements for all common engineering drawing types Maximizes reader understanding of engineering drawing requirements, differentiating the types of drawings and their particular characteristics Elucidates electrical reference designation requirements, geometric dimensioning, and tolerancing errors Explains the entire engineering documentation process from concept to delivery

**Interpreting Engineering Drawings** *Cengage Learning*

Comprehensive, state-of-the-art training is the cornerstone of this popular guide that shows users how to create professional-quality engineering drawings that can be interpreted with precision in today's technology-based industries. Clearly the most flexible, user-friendly book of its kind on the market, the seventh edition offers unsurpassed coverage of the theory and practical applications individuals need to communicate technical concepts in an international marketplace. All material is developed around the latest ASME drawing standards, helping readers keep pace with the dynamic

changes in the field of engineering graphics. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Code of Practice for Engineering Drawing**

Covers general principles of mechanical engineering drawing. Includes the preparation, dimensioning and tolerancing (not geometric) of drawings of mechanical parts used in the fields of mechanical, civil and electrical engineering.

**Drawing Standards for Computer-aided Engineering** *Delmar Pub*

A title from the City and Guilds/Macmillan computer-aided engineering series. This workbook describes the basic principles of engineering drawing as set out in BS308 "Engineering Drawing Practice". The format follows 14 learning assignments, each with a nu

**Machine Drawing** *New Age International*

About the Book: Written by three distinguished authors with ample academic and teaching experience, this textbook, meant for diploma and degree students of Mechanical Engineering as well as those preparing for AMIE examination, incorporates the latest st

**Screw Thread Representation 2001**

**Technical Drawing**

**Engineering Drawing with CAD Applications** *Routledge*

Engineering Drawing with CAD Applications is ideal for any engineering student, needing a user-friendly step-by-step guide to draughting, sketching and drawing. Fully revised to take into account developments in computer aided drawing, and to keep up with British Standards, this guide remains an ideal introduction to the subject. It provides readers with the basic knowledge and skills of draughting and takes them on to more interesting and advanced engineering drawing techniques and procedures. This latest revision of Ostrowsky's popular Engineering Drawing represents a comprehensive introductory course in engineering drawing and sketching, and is sutiable for a wide range of college and university engineering students. The author concentrates on the techniques fundamental to effective drawing, key knowledge that is needed wether the drawings are carried out by hand, or via a CAD package. Copious illustrations and a clear, step-by-step approach make this book ideal for distance learning and assignment-based study.

**Engineering Drawing and Design** *Cengage Learning*

ENGINEERING DRAWING AND DESIGN, 5E provides your students with an easy-to-read, A-to-Z coverage of drafting and design instruction that complies with the latest (ANSI & ASME) industry standards. This fifth edition continues its twenty year tradition of excellence with a multitude of actual quality industry drawings that demonstrate content and provide problems for real world, practical application. The engineering design process featured in ENGINEERING DRAWING AND DESIGN, 5E follows an actual product design from concept through manufacturing, and provides your students with a variety of design problems for challenging applications or for use as team projects. Also included in this book is coverage of Civil Drafting, 3D CADD, solid modeling, parametric applications, and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Engineering Drawing and Design**

Engineering Drawing and Design, combines engineering graphics and drafting in one accessible product. Technical drafting, like all technical areas, is constantly changing; the computer has revolutionized the way in which drawings and parts are made. This 4-color text covers the most current technical information available, including graphic communication, CAD, functional drafting, material positioning, numerical control, electronic drafting, and metrication, in a manner useful to both the instructor and student. The authors synthesize, simplify, and convert complex drafting standards and procedures into understandable instructional units.

**Interpreting Engineering Drawings** *Cengage Learning*

INTERPRETING ENGINEERING DRAWINGS, 8th EDITION offers comprehensive, state-of-the-art training that shows readers how to create professional-quality engineering drawings that can be interpreted with precision in today's technology-based industries. This flexible, user-friendly textbook offers unsurpassed coverage of the theory and practical applications that you'll need as readers communicate technical concepts in an international marketplace. All material is developed around the latest ASME drawing standards, helping readers keep pace with the dynamic changes in the field of engineering graphics. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Print Reading and Engineering Drawing Practices Workbook**

Engineering drawings are prepared to the ASME Y14 Series of Standard Drawing and Drafting Practices, accepted industry wide practices, and individual company standards. These standards establish uniform practices for anyone who either prepares drawings or reads the print with accepted methods to interpret the information on the drawing.



**Engineering Drawing And Graphics** *New Age International*

This Book Provides A Systematic Account Of The Basic Principles Involved In Engineering Drawing. The Treatment Is Based On The First Angle Projection. Salient Features: \* Nomography Explained In Detail. \* 555 Self-Explanatory Solved University Problems. \* Step-By-Step Procedures. \* Side-By-Side Simplified Drawings. \* Adopts B.I.S. And I.S.O. Standards. \* 1200 Questions Included For Self Test. The Book Would Serve As An Excellent Text For B.E., B.Tech., B.Sc. (Ap. Science) Degree And Diploma Students Of Engineering. Amie Students Would Also Find It Extremely Useful.

**Surface Texture Symbols****Types and Applications of Engineering Drawings 1999****Technical Drawing**

"The objective of the Standard is to provide engineers, architects, builders, drafting officers and others in the construction industry with a common method for the representation of structures and their components to enable the preparation and unambiguous interpretation of structural drawings." - page 2.

**Electrical Engineering Drawing** *New Age International*

Electrical Drawing Is An Important Engineering Subject Taught To Electrical/Electronics Engineering Students Both At Degree And Diploma Level Institutions. The Course Content Generally Covers Assembly And Working Drawings Of Electrical Machines And Machine Parts, Drawing Of Electrical Circuits, Instruments And Components. The Contents Of This Book Have Been Prepared By Consulting The Syllabus Of Various State Boards Of Technical Education As Also Of Different Engineering Colleges. This Book Has Nine Chapters. Chapter I Provides Latest Informations About Drawing Sheets, Lettering, Dimensioning, Method Of Projections, Sectional Views Including Assembly And Working Drawings Of Simple Electrical And Mechanical Items With Plenty Of Solved Examples. The Second Chapter Deals With Drawing Of Commonly Used Electrical Instruments, Their Method Of Connection And Of Instrument Parts. Chapter Iii Deals With Mechanical Drawings Of Electrical Machines And Machine Parts. The Details Include Drawings Of D.C. Machines, Induction Machines, Synchronous Machines, Fractional Kw Motors And Transformers. Chapter Iv Includes Panel Board Wiring Diagrams. The Fifth Chapter Is Devoted To Winding Diagrams Of D.C. And A.C. Machines. Chapter Vi And Vii Include Drawings Of Transmission And Distribution Line Accessories, Supports, Etc. As Also Plant And Substation Layout Diagrams. Miscellaneous Drawing Like Drawings Of Earth Electrodes, Circuit Breakers, Lighting Arresters, Etc. Have Been Dealt With In Chapter Viii. Graded Exercises With Feedback On Reading And Interpreting Engineering Drawings Covering The Entire Course Content Have Been Included In Ix Providing Ample Opportunities To The Learner To Practice On Such Graded Exercises And Receive Feedback. Chapter X Includes Drawings Of Electronic Circuits And Components. This Book, Unlike Some Of The Available Books In The Market, Contains A Large Number Of Solved Examples Which Would Help Students Understand The Subject Better. Explanations Are Very Simple And Easy To Understand. Reference To Norms And Standards Have Been Made At Appropriate Places. Students Will Find This Book Useful Not Only For Passing Examinations But Even More In Reading And Interpreting Engineering Drawings During Their Professional Career.

**Engineering Drawing And Graphics + Autocad** *New Age International*

This Book Provides A Systematic Account Of The Basic Principles Involved In Engineering Drawing. The Treatment Is Based On The First Angle Projection. Salient Features: \* Nomography Explained In Detail. \* 555 Self-Explanatory Solved University Problems. \* Step-By-Step Procedures. \* Side-By-Side Simplified Drawings. \* Adopts B.I.S. And I.S.O. Standards. \* 1200 Questions Included For Self Test. The Book Would Serve As An Excellent Text For B.E., B. Tech., B.Sc. (Ap. Science) Degree And Diploma Students Of Engineering. Amie Students Would Also Find It Extremely Useful.

**American National Standard Engineering Drawing and Related Documentation Practices****Manual of Engineering Drawing** *Newnes*

"The comprehensive scope of the new edition encompasses topics such as orthographic and pictorial projections, dimensional, geometrical and surface texture tolerancing, along with numerous examples of electrical and hydraulic diagrams with symbols, and applications of cams, bearings, gears, welding and adhesives."--BOOK JACKET.

**Fundamentals of Manufacturing, Second Edition** *Society of Manufacturing Engineers*

Whether you are an engineer considering certification, or a non-engineer seeking to communicate more intelligently about manufacturing-related issues, Fundamentals of Manufacturing provides virtually all the information you need to know. The book is based singularly on SME's certification Institute's 'Body of Knowledge.' Fifteen manufacturing experts, including educators, practitioners in the field, subject matter specialists, have checked the content for relevancy, accuracy and clarity, guaranteeing focused self-study and solid answers to questions regarding the fundamentals. Features: Thorough review of manufacturing fundamentals with samples and practice problems; Detailed table of contents and index; Referencing feature provides quick access to figures, tables, equations, problems and solutions; Mathematical equations, newly reformatted, are arranged logically according to the sequence they're presented; Includes a number key to practice problems; Up-to-date with current theoretical models, notably lean manufacturing. Benefits: Increased knowledge of manufacturing engineering and what is covered on the Fundamentals of Manufacturing Certification Examination; Example questions and problems prepare you for real-world situations; Great reference. Specific Information is logically enumerated, so it's easy to find; Orderly presentation and layout makes for good retention and enjoyable reading.

**American National Standard Engineering Drawing and Related Documentation Practices****Engineering Documentation Control / Configuration Management Standards Manual** *John Wiley & Sons*

Get to know a key ingredient to world-class product manufacturing With this manual, you have the best of the best management practices for the configuration management processes. It goes a long way toward satisfying Total Quality Management, FDA, GMP, Lean CM and ISO/QS/AS 9XXX process documentation requirements. The one requirement common to all those standards is to document the processes and to do what you document.

**A Guide to the Preparation of Civil Engineering Drawings****Engineering Drawing from First Principles** *Butterworth-Heinemann*

Engineering Drawing From First Principles is a guide to good draughting for students of engineering who need to learn how to produce technically accurate and detailed designs to British and International Standards. Written by Dennis Maguire, an experienced author and City and Guilds chief examiner, this text is designed for use on Further Education and University courses where a basic understanding of draughtsmanship and CAD is necessary. Although not written as an AutoCAD tutor, the book will be a useful introduction to good CAD practice. Part of the Revision and Self-Assessment series, 'Engineering Drawing From First Principles' is ideal for the student working alone. More than just a series of tests, the book helps assess current understanding, diagnose areas of weakness and directs the student to further help and guidance. This is a self-contained text, but it will also work well in conjunction with the highly successful 'Manual of Engineering Drawing', by Simmons and Maguire. Can be used with AutoCAD or AutoCAD LT Provides typical exam questions and carefully described worked solutions Allows students to work alone

**Technical Drawing** *Createspace Independent Pub*

This book was designed to help students acquire requisite knowledge and practical skills in technical drawing presentation and practices. The contents were scripted to prepare students for technical, diploma and degree examinations in engineering technology, technical vocations and draughtsmanship in other professions in the monotronics, polytechnics and universities. At the end of each chapter are lists of examination standard exercises that will help students perfect their skill and proficiency in technical drawing works. Therefore, student should be able to; Understand the principles and techniques of drawing presentation and projections in geometry Understand the applications of solid geometry Understand the principles and application of free hand sketching Understand the principles of constructing conic-sections and development of surfaces

**Manual of Engineering Drawing** *Butterworth-Heinemann*

Now in its 4th edition, Manual of Engineering Drawing is a long-established guide for practicing and student engineers to producing engineering drawings and annotated 3D models that comply with the latest BSI and ISO standards of technical product specifications and documentation. This new edition has been updated in line with recent standard revisions and amendments, including the requirements of BS8888 2011 and related ISO standards. Ideal for international use, it includes a guide to the fundamental differences between the relevant ISO and ASME standards, as well as new information on legal aspects such as patents and copyright, and end-of-life design considerations. Equally applicable to CAD and manual drawing, the book includes the latest developments in 3D annotation and the specification of surface texture. Its broad scope also encompasses topics such as orthographic and pictorial projections, dimensional, geometrical and surface tolerancing, and the duality principle, along with numerous examples of electrical and hydraulic diagrams with symbols and applications of cams, bearings, welding and adhesives. Seen by many as an essential design reference, Manual of Engineering Drawing is an ideal companion for students studying vocational courses in technical product specification, undergraduates studying engineering or product design, and professional engineers beginning a career in design. Expert interpretation of the rules and conventions provided by authoritative authors who regularly lead and contribute to BSI and ISO committees on product standards Combines the latest technical information with clear, readable explanations, numerous diagrams and traditional geometrical construction techniques Includes new material on patents, copyrights and intellectual property, design for manufacture and end-of-life, and surface finishing considerations

**Revision of Engineering Drawings and Associated Documents****Engineering Drawing Practice, British Standard BS 308****Engineering Drawing** *Pearson Education India*

Engineering Drawing, 2e continues to cover all the fundamental topics of the field, while maintaining its unique focus on the logic behind each concept and method. Based on extensive market research and reviews of the first edition, this edition includes a new chapter on scales, the latest version of AutoCAD, and new pedagogy. The coverage of topics has been made more clear and concise through over 300 solved examples and exercises, with new problems added to help students work progressively through them. Combining technical accuracy with readable explanations, this book will be invaluable to both first-year undergraduate engineering students as well as those preparing for professional exams.

**SAE Automotive Drafting Standards****Technical Drawing 101 with AutoCAD 2016** *SDC Publications*

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.

**A First Course in Engineering Drawing** *Springer*

The primary objective of this book is to provide an easy approach to the basic principles of Engineering Drawing, which is one of the core subjects for undergraduate students in all branches of engineering. Further, it offers comprehensive coverage of topics required for a first course in this subject, based on the author's years of experience in teaching this subject. Emphasis is placed on the precise and logical presentation of the concepts and principles that are essential to understanding the subject. The methods presented help students to grasp the fundamentals more easily. In addition, the book highlights essential problem-solving strategies and features both solved examples and multiple-choice questions to test their comprehension.