

## Autocad Tutor For Engineering Graphics 2013

AUTOCAD 2011 TUTOR FOR ENGINEERING GRAPHICS is a classic reference work featuring self-paced tutorials that lead students from simple one-view engineering drawings to geometric constructions, multiview projections, section and auxiliary views, 3D solid modeling, and photorealistic rendering. Tutorials utilize a step-by-step approach, following traditional engineering drawing techniques and methods while teaching students how to take full advantage of AutoCAD 2011 to achieve professional results. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Tutorial Guide to AutoCAD 2018 provides a step-by-step introduction to AutoCAD with commands presented in the context of each tutorial. In fifteen clear and comprehensive chapters, author Shawna Lockhart guides readers through all the important commands and techniques in AutoCAD 2018, from 2D drawing to solid modeling and finally finishing with rendering. In each lesson, the author provides step-by-step instructions with frequent illustrations showing exactly what appears on the AutoCAD screen. Later, individual steps are no longer provided, and readers are asked to apply what they've learned by completing sequences on their own. A carefully developed pedagogy reinforces this cumulative-learning approach and supports readers in becoming skilled AutoCAD users. Tutorial Guide to AutoCAD 2018 begins with three Getting Started chapters that include information to get readers of all levels prepared for the tutorials. The author includes tips that offer suggestions and warnings as you progress through the tutorials. Key Terms and Key Commands are listed at the end of each chapter to recap important topics and commands learned in each tutorial. Also, a glossary of terms and Commands Summary list the key commands used in the tutorials. Each chapter concludes with end of chapter problems providing challenges to a range of abilities in mechanical, electrical, and civil engineering as well as architectural problems.

There is an old saying that an engineer describes every idea with a drawing. With the advances in computer technology and drawing software, it has never been easier, or more important, to learn computer aided design. To be effective, however, a drawing must accurately convey your intended meaning and that requires more than just knowing how to use software. This book provides you with a clear presentation of the theory of engineering graphics and the use of AutoCAD 2019 as they pertain to civil engineering applications. This combination of theory and its practical application will give you the knowledge and skills necessary to create designs that are accurate and easily understood by others. Each chapter starts with a bulleted list of chapter objectives followed by an introduction. This provides you with a general overview of the material that will be covered in the chapter. The contents of each chapter are organized into well-defined sections that contain step-by-step instructions and illustrations to help you learn to use the various AutoCAD commands. More importantly, you will also learn how and why you would use these tools in real world projects. This book has been categorized and ordered into 12 parts: • Introduction to AutoCAD 2019 ribbon interface (1-7) • Dimensioning and tolerancing using AutoCAD 2019 (8-9) • Use of AutoCAD in land survey data plotting (10-11) • The use of AutoCAD in hydrology (12-13) • Transportation engineering and AutoCAD (14-15) • AutoCAD and architecture technology (16-18) • Introduction to working drawings (19) • Plotting from AutoCAD (20) • External Reference Files - Xref (21) • Suggested drawing problems (22-23) • Bibliography • Index

Engineering Graphics Essentials with AutoCAD 2017 Instruction gives students a basic understanding of how to create and read engineering drawings by presenting principles in a logical and easy to understand manner. It covers the main topics of engineering graphics, including tolerancing and fasteners, while also teaching students the fundamentals of AutoCAD 2017. This book features independent learning material containing supplemental content to further reinforce these principles. Through its many different exercises this text is designed to encourage students to interact with the instructor during lectures, and it will give students a superior understanding of engineering graphics and AutoCAD. The independent learning material allows students to go through the topics of the book independently. The main content of the material contains pages that summarize the topics covered in the book. Each page has voice over content that simulates a lecture environment. There are also interactive examples that allow students to go through the instructor led and in-class student exercises found in the book on their own. Video examples are also included to supplement the learning process.

Beginning AutoCAD 2007 is a course based on learning and practising the essentials of 2D drawing using AutoCAD. Bob McFarlane's hands-on approach is uniquely suited to independent learning and use on courses. The focus on 2D drawing in one book ensures the reader gets a thorough grounding in the subject, with a greater depth of coverage than tends to be available from general introductions to AutoCAD. As a result, this book provides a true, step-by-step, detailed exploration of the AutoCAD functions required at each stage of producing a 2D drawing - an approach often not found in the many software reference guides available. The emphasis on learning through doing makes this book ideal for anyone involved in engineering, construction or architecture - where the focus is on productivity and practical skills. The author has also matched the coverage to the requirements of City and Guilds, Edexcel (BTEC) and SQA syllabuses. The following new features in AutoCAD 2007 are covered in this book: \* Create: Using enhanced commands and draughting tools to create all types of content \* Manage: Using the Sheet Set Manager and Attribute Extraction to manage data and information \* Produce: Using dynamic blocks, dynamic input and selection preview to increase productivity \* Share: Using e-transmit, publish to the web and PDF files to share information Plus, a new companion website features AutoCAD files for selected activities for students to work with. The result is a useful refresher course for anyone using AutoCAD at this level, and those upgrading to the new software release. The course is also designed to be fully relevant to anyone using other recent releases, including AutoCAD 2006. ABOUT THE AUTHOR Bob McFarlane has been writing books on AutoCAD for over 10 years.

Designed for today's engineers, the AutoCAD Tutor has been updated to cover the latest features of AutoCAD LT 2000 software such as Polar Snap and Content Explorer. Tutorial-based exercises and numerous drawing problems assist readers in mastering key engineering design graphics concepts.

Self-paced tutorials take readers all the way from one-view engineering drawings to geometric constructions, multi-view projections, section and auxiliary views, 3D solid modeling, and photorealistic rendering. Tutorials utilize a step-by-step approach, following traditional engineering drawing techniques and methods while teaching users how to make the most of AutoCAD 2006 to achieve professional results.

The AutoCAD Tutor for Engineering Graphics Release 14 is an outstanding tool for learning the basics of engineering drawing using AutoCAD R14. Featuring problem solving, step-by-step tutorials, it takes the user from one-view engineering drawings to geometric constructions, multiview projections, 3D modeling, and solid modeling. Each tutorial follows traditional engineering drawing techniques and methods while showing how to utilize features and benefits of AutoCAD R14 to achieve professional results, An Online Companion "TM" provides access to the Autodesk Press web site for information on job resources, professional organizations, updates, and more.

The companion Project Manual features self-paced tutorials following a series of steps toward the completion of a particular problem or object, while preparing readers to undertake the variety of engineering, architectural, and civil drawing problems. Become skilled at AutoCAD 2004 while learning the basics of engineering design graphics! Self-paced tutorials take readers all the way from one-view engineering drawings to geometric constructions, multi-view projections, section and auxiliary views, 3D solid modeling, and more. Tutorials utilize a step-by-step approach, following traditional

engineering drawing techniques and methods. New and updated coverage includes information on photo realistic rendering, scaling and justifying text, translating text sizes between model space and drawing layouts, and managing the new unlimited re-do capabilities of AutoCAD 2004. The companion Project Manual features self-paced tutorials following a series of steps toward the completion of a particular problem or object, while preparing readers to undertake the variety of engineering, architectural, and civil drawing problems.

AUTOCAD 2012 TUTOR FOR ENGINEERING GRAPHICS is a thorough, practical guide featuring self-paced tutorials that lead students from simple one-view engineering drawings to geometric constructions, multiview projections, section and auxiliary views, 3D solid modeling, and photorealistic rendering. Tutorials employ a proven, step-by-step approach, following traditional engineering drawing techniques and methods while teaching students how to take full advantage of AutoCAD 2012 to achieve professional results. Detailed coverage of AutoCAD 2012 capabilities, online technology tools to reinforce learning, and a strong emphasis on practical engineering applications make this trusted text an ideal reference for students and professionals alike. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This classic reference work features self-paced tutorials that lead readers from simple one-view engineering drawings to geometric constructions, multiview projections, section and auxiliary views, 3D solid modeling, and photorealistic rendering. Tutorials utilize a step-by-step approach, following traditional engineering drawing techniques and methods while teaching users how to take full advantage of AutoCAD 2009 to achieve professional results. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Engineering Graphics with AutoCAD 2013 teaches technical drawing using AutoCAD 2013 as its drawing instrument, complying with ANSI standards. Taking a step-by-step approach, it encourages you to work at your own pace and uses sample problems and illustrations to guide you through the powerful features of this drawing program. Nearly 150 exercise problems provide an opportunity to develop your creativity and problem-solving capabilities.

Engineering Graphics Essentials with AutoCAD 2021 Instruction gives students a basic understanding of how to create and read engineering drawings by presenting principles in a logical and easy to understand manner. It covers the main topics of engineering graphics, including tolerancing and fasteners, while also teaching students the fundamentals of AutoCAD 2021. This book features independent learning material containing supplemental content to further reinforce these principles. Through its many different exercises this text is designed to encourage students to interact with the instructor during lectures, and it will give students a superior understanding of engineering graphics and AutoCAD. The independent learning material allows students to go through the topics of the book independently. The main content of the material contains pages that summarize the topics covered in the book. Each page has voice over content that simulates a lecture environment. There are also interactive examples that allow students to go through the instructor led and in-class student exercises found in the book on their own. Video examples are also included to supplement the learning process. Multimedia Content • Summary pages with audio lectures • Interactive exercises and puzzles • Videos demonstrating how to solve selected problems • AutoCAD video tutorials • Supplemental problems and solutions • Tutorial starter files Each chapter contains these types of exercises: • Instructor led in-class exercises Students complete these exercises in class using information presented by the instructor using the PowerPoint slides included in the instructor files. • In-class student exercises These are exercises that students complete in class using the principles presented in the lecture. • Video Exercises These exercises are found in the text and correspond to videos found in the independent learning material. In the videos the author shows how to complete the exercise as well as other possible solutions and common mistakes to avoid. • Interactive Exercises These exercises are found in the independent learning material and allow students to test what they've learned and instantly see the results. • End of chapter problems These problems allow students to apply the principles presented in the book. All exercises are on perforated pages that can be handed in as assignments. • Review Questions The review questions are meant to encourage students to recall and consider the content found in the text by having them formulate descriptive answers to these questions. • Crossword Puzzles Each chapter features a short crossword puzzle that emphasizes important terms, phrases, concepts, and symbols found in the text.

Principles and Practices An Integrated Approach to Engineering Graphics and AutoCAD 2018 combines an introduction to AutoCAD 2018 with a comprehensive coverage of engineering graphics principles. By adopting this textbook, you will no longer need to adopt separate CAD and engineering graphics books for your course. Not only will this unified approach give your course a smoother flow, your students will also save money on their textbooks. What's more, the tutorial exercises in this text have been expanded to cover the performance tasks found on the AutoCAD 2018 Certified User Examination. The primary goal of Principles and Practices An Integrated Approach to Engineering Graphics and AutoCAD 2018 is to introduce the aspects of engineering graphics with the use of modern Computer Aided Design/Drafting software - AutoCAD 2018. This text is intended to be used as a training guide for students and professionals. The chapters in the text proceed in a pedagogical fashion to guide you from constructing basic shapes to making complete sets of engineering drawings. This text takes a hands-on, exercise-intensive approach to all the important concepts of Engineering Graphics, as well as in depth discussions of CAD techniques. This textbook contains a series of thirteen chapters, with detailed step-by-step tutorial-style lessons designed to introduce beginning CAD users to the graphic language used in all branches of technical industry. The CAD techniques and concepts discussed in the text are also designed to serve as the foundation to the more advanced parametric feature-based CAD packages, such as Autodesk Inventor. After completing this text your students will be prepared to pass the AutoCAD Certified User Examination. Certified User Reference Guides located at the front of the book and in each chapter show where these performance tasks are covered.

This classic reference work features self-paced tutorials that lead readers from simple one-view engineering drawings to geometric constructions, multiview projections, section and auxiliary views, 3D solid modeling, and photorealistic rendering. Tutorials utilize a step-by-step approach, following traditional engineering drawing techniques and methods while teaching users how to take full advantage of AutoCAD 2008 to achieve professional results.

Principles and Practices An Integrated Approach to Engineering Graphics and AutoCAD 2020 combines an introduction to AutoCAD 2020 with a comprehensive coverage of engineering graphics principles. By adopting this textbook, you will no longer need to adopt separate CAD and engineering graphics books for your course. Not only will this unified approach give your course a smoother flow, your students will also save money on their textbooks. What's more, the tutorial exercises in this text have been expanded to cover the performance tasks found on the AutoCAD 2020 Certified User Examination. The primary goal of Principles and Practices An Integrated Approach to Engineering Graphics and AutoCAD 2020 is to introduce the aspects of engineering graphics with the use of modern Computer Aided Design/Drafting software - AutoCAD 2020. This text is intended to be used as a training guide for students and professionals. The chapters in the text proceed in a pedagogical fashion to guide you from constructing basic shapes to making complete sets of engineering drawings. This text takes a hands-on, exercise-intensive approach to all the important concepts of Engineering Graphics, as well as in depth discussions of CAD techniques. This textbook contains a series of thirteen chapters, with detailed step-by-step tutorial-style lessons designed to introduce beginning CAD users to the graphic language used in all branches of technical industry. The CAD techniques and concepts discussed in the text are also designed to serve as the foundation to the more advanced parametric feature-based CAD packages, such as Autodesk Inventor. After completing this text your students will be prepared to pass the AutoCAD Certified User Examination. Certified User Reference Guides located at the front of the book and in each chapter show where these performance tasks are covered.

In Engineering Graphics with AutoCAD 2020, award-winning CAD instructor and author James Bethune teaches technical drawing using AutoCAD 2020 as its drawing instrument. Taking a step-by-step approach, this textbook encourages students to work at their own pace and uses sample problems and illustrations to guide them through the powerful features of this drawing program. More than 680 exercise problems provide instructors with a variety of assignment material and students with an opportunity to develop their creativity and problem-solving capabilities. Effective pedagogy throughout the text helps students learn and retain concepts: Step-by-step format throughout the text allows students to work directly from the text to the screen and provides an excellent reference during and after the course. Latest coverage is provided for dynamic blocks, user interface improvements, and productivity enhancements. Exercises, sample problems, and projects appear in each chapter, providing examples of software capabilities and giving students an opportunity to apply their own knowledge to realistic design situations. ANSI standards are discussed when appropriate, introducing students to the appropriate techniques and national standards. Illustrations and sample problems are provided in every chapter, supporting the step-by-step approach by illustrating how to use AutoCAD 2020 and its features to solve various design problems. Engineering Graphics with AutoCAD 2020 will be a valuable resource for every student wanting to learn to create engineering drawings.

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

Self-paced tutorials utilize a step-by-step approach, following traditional engineering drawing techniques and methods while teaching users how to make the most of AutoCAD 2007 to achieve professional results. Self-paced tutorials utilize a step-by-step approach, following traditional engineering drawing techniques and methods while teaching users how to make the most of AutoCAD 2007 to achieve professional results.

Designed for today's engineers, the AutoCAD Tutor has been updated to cover the latest features of AutoCAD LT 2000 software. With tutorial-based exercises, plus numerous drawing problems that assist you in mastering key engineering design graphics concepts, the AutoCAD LT Tutor features: -- An engineering graphics tutorial problems disk to help you master techniques using LT 2000 commands and skills. -- Coverage of new features, including Polar Snap and Content Explorer. -- Numerous screen captures. -- Multiple choice questions to help users assess their AutoCAD LT comprehension.

This book covers complete syllabus of Engineering Graphics and Design along with AUTOCAD catering requirements of B.Tech. in Engineering The book is in easy to understand, simple English. It provides step-by-step solutions to problems along with suitable example and proper drawings. Using AutoCAD and Solid Work. All chapter make learning easy with unique features such as Summary, Solved examples and Practice Problems. Chapters have been organised to present data in concise format with suitable tables, diagrams, drawings and illustration.

Produce professional-quality engineering drawings while taking advantage of the newest features and functions of the latest software release! The AutoCAD 2002 Tutor for Engineering Graphics is a "must" for students and professionals alike. Written by a successful AutoCAD Training Center (ATC) Manager and long-time member of the AutoCAD Exam Board, every chapter of this results-driven primer features a unique blend of command-specific exercises, step-by-step tutorials, and realistic drawing problems. Organized for effective teaching and learning, the first seven chapters lead readers through AutoCAD basics, from what it takes to begin constructing simple drawings through modification of object properties once they are placed on screen. The next section of the book continues to build upon AutoCAD fundamentals while introducing the art of producing engineering drawings, including: orthographic views, drawing layout in the paper space environment, dimensioning, production of section views, and more! Advanced topics such as DesignCenter, use of external reference and image files, and generation of orthographic views from a 3D model are also featured. Productivity is enhanced as readers learn how to use AutoCAD 2002 to respond efficiently and effectively to all types of engineering drawing and design challenges.

AUTOCAD 2010 TUTOR FOR ENGINEERING GRAPHICS is a classic reference work featuring self-paced tutorials that lead students from simple one-view engineering drawings to geometric constructions, multiview projections, section and auxiliary views, 3D solid modeling, and photorealistic rendering. Tutorials utilize a step-by-step approach, following traditional engineering drawing techniques and methods while teaching students how to take full advantage of AutoCAD 2010 to achieve professional results. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Engineering Graphics Essentials with AutoCAD 2022 Instruction gives students a basic understanding of how to create and read engineering drawings by presenting principles in a logical and easy to understand manner. It covers the main topics of engineering graphics, including tolerancing and fasteners, while also teaching students the fundamentals of AutoCAD 2022. This book features independent learning material containing supplemental content to further reinforce these principles. Through its many different exercises this text is designed to encourage students to interact with the instructor during lectures, and it will give students a superior understanding of engineering graphics and AutoCAD. The independent learning material allows students to go through the topics of the book independently. The main content of the

material contains pages that summarize the topics covered in the book. Each page has voice over content that simulates a lecture environment. There are also interactive examples that allow students to go through the instructor led and in-class student exercises found in the book on their own. Video examples are also included to supplement the learning process. Multimedia Content • Summary pages with audio lectures (includes closed captioning) • Interactive exercises and puzzles • Videos demonstrating how to solve selected problems (includes closed captioning) • AutoCAD video tutorials (includes closed captioning) • Supplemental problems and solutions • Tutorial starter files

Written especially for novice users, this book will teach users how to use the AutoCAD LT 97 software, while at the same time reinforcing mechanical engineering drawing fundamentals. Each chapter concludes with several drawing exercises that help users master individual concepts and commands, challenging them to apply their knowledge to complete "real-world" drawing assignments.

There is an old saying that an engineer describes every idea with a drawing. With the advances in computer technology and drawing software, it has never been easier, or more important, to learn computer aided design. To be effective, however, a drawing must accurately convey your intended meaning and that requires more than just knowing how to use software. This book provides you with a clear presentation of the theory of engineering graphics and the use of AutoCAD 2021 as they pertain to civil engineering applications. This combination of theory and its practical application will give you the knowledge and skills necessary to create designs that are accurate and easily understood by others. Each chapter starts with a bulleted list of chapter objectives followed by an introduction. This provides you with a general overview of the material that will be covered in the chapter. The contents of each chapter are organized into well-defined sections that contain step-by-step instructions and illustrations to help you learn to use the various AutoCAD commands. More importantly, you will also learn how and why you would use these tools in real world projects. This book has been categorized and ordered into 12 parts: • Introduction to AutoCAD 2021 ribbon interface (1-7) • Dimensioning and tolerancing using AutoCAD 2021 (8-9) • Use of AutoCAD in land survey data plotting (10-11) • The use of AutoCAD in hydrology (12-13) • Transportation engineering and AutoCAD (14-15) • AutoCAD and architecture technology (16-18) • Introduction to working drawings (19) • Plotting from AutoCAD (20) • External Reference Files - Xref (21) • Suggested drawing problems (22-23) • Bibliography • Index

Designed as a text for the undergraduate students of all branches of engineering, this compendium gives an opportunity to learn and apply the popular drafting software AutoCAD in designing projects. The textbook is organized in three comprehensive parts. Part I (AutoCAD) deals with the basic commands of AutoCAD, a popular drafting software used by engineers and architects. Part II (Projection Techniques) contains various projection techniques used in engineering for technical drawings. These techniques have been explained with a number of line diagrams to make them simple to the students. Part III (Descriptive Geometry), mainly deals with 3-D objects that require imagination. The accompanying CD contains the animations using creative multimedia and PowerPoint presentations for all chapters. In a nutshell, this textbook will help students maintain their cutting edge in the professional job market. KEY FEATURES : Explains fundamentals of imagination skill in generic and basic forms to crystallize concepts. Includes chapters on aspects of technical drawing and AutoCAD as a tool. Treats problems in the third angle as well as first angle methods of projection in line with the revised code of Indian Standard Code of Practice for General Drawing.

The AutoCAD Tutor for Engineering Graphics, Release 14 is an outstanding tool for learning the basics of engineering drawing using AutoCAD Release 14. Featuring problem solving, step-by-step tutorials, this text takes the student from one-view engineering drawings to geometric constructions, multiview projections, 3D modeling, and solid modeling. Each tutorial follows traditional engineering drawing techniques and methods while teaching the student how to utilize features and benefits of AutoCAD Release 14 to achieve professional results. An Online CompanionO provides students with the opportunity to access the Autodesk Press web site for information on job resources, professional organizations, updates, and more. Keywords: AutoCAD R14"

AUTOCAD TUTOR FOR ENGINEERING GRAPHICS: 2013 AND BEYOND is a thorough, practical guide featuring self-paced tutorials and a step-by-step approach to help students use and customize AutoCAD to achieve professional results. Tutorials follow traditional engineering drawing techniques and methods while guiding students from simple one-view engineering drawings to geometric constructions, multiview projections, section and auxiliary views, 3D solid modeling, and photorealistic rendering. This proven text emphasizes skill development to enable students to confidently translate layouts, specifications, and calculations from engineers and architects into detailed drawings, maps, plans, and other documents necessary to create products. Detailed coverage of AutoCAD features and capabilities, along with a strong emphasis on mechanical exercises and practical engineering applications, make this trusted text an ideal reference for students and professionals alike. In addition, extensive online resources offer additional information and tools, including detailed updates provided regularly between major new releases of the AutoCAD software. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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

AutoCAD Tutor for Engineering Graphics: 2013 and BeyondCengage Learning

An outstanding tool for learning the basics of engineering drawing using AutoCAD 2000 software. Featuring problem-solving, step-by-step tutorials, it takes the user from one-view engineering drawings to geometric constructions, multiview projections, 3D modeling, and solid modeling. Each tutorial follows traditional engineering drawing techniques and methods while showing how to utilize features and benefits of AutoCAD 2000 to achieve professional results. An Online Companion "TM" provides access to the Autodesk Press website for information on job resources, professional organizations, updates, and more. -- e.resource "TM", an instructor CD-ROM, provides an electronic syllabus, chapter hints, PowerPoint "TM" lecture presentations, computerized test questions, CADD drawing files, and more.

Engineering Graphics Essentials with AutoCAD 2018 Instruction gives students a basic understanding of how to create and read engineering drawings by presenting principles in a logical and easy to understand manner. It covers the main topics of engineering graphics, including tolerancing and fasteners, while also teaching students the fundamentals of AutoCAD 2018. This book features independent learning material containing supplemental content to further reinforce these principles. Through its many different exercises this text is designed to encourage students to interact with the instructor during lectures, and it will give students a superior understanding of engineering graphics and AutoCAD. The independent learning material allows students to go through the topics of the book independently. The main content of the material contains pages that summarize the topics covered in the book. Each page has voice over content that simulates a lecture environment. There are also interactive examples that allow students to go through the instructor led and in-class student exercises found in the book on their own. Video examples are also included to supplement the learning process.

[Copyright: a64be6172d17922a626dd476f93e5061](#)