
Autocad Exercises For Beginners

Beginning AutoCAD® 2019 Exercise Workbook
 Beginning AutoCAD® 2021 Exercise Workbook
 100 AutoCAD Exercises - Learn by Practicing (2nd Edition)
 Exercise Workbook for Beginning AutoCAD 2007
 AutoCAD For Dummies
 AutoCAD 2022 Tutorial First Level 2D Fundamentals
 AutoCAD 2020 For Beginners
 AutoCAD Mechanical
 Beginning Autocad(r) 2024 Exercise Workbook
 AutoCAD 2022: A Power Guide for Beginners and Intermediate Users
 Beginning AutoCAD 2011 Exercise Workbook
 150 CAD Exercises
 "Opel und Chevrolet Tage" am 12. und 13. April bei Opel Böttcher
 AutoCAD Exercises
 Beginning Autocad(r) 2023 Exercise Workbook
 CAD Exercises
 AutoCAD Exercises
 Advanced AutoCAD® 2017
 Beginning AutoCAD® 2018
 AutoCAD Exercises For Beginners
 Exercise Workbook for Beginning AutoCAD 2004
 100 AutoCAD Exercises - Learn by Practicing
 Up and Running with AutoCAD 2013
 Beginning AutoCAD® 2017
 Beginning AutoCAD 2010
 Exercise Workbook for Beginning AutoCAD
 AutoCAD Exercises For Beginners
 Exercise Workbook for Advanced AutoCAD 2005
 AutoCAD 2023 Tutorial First Level 2D Fundamentals
 Beginning Autocad 2020 Exercise Workbook
 400 CAD Exercises
 Beginning Autocad(r) 2025 Exercise Workbook
 AutoCAD 2021 Tutorial First Level 2D Fundamentals
 Practical Autodesk AutoCAD 2021 and AutoCAD LT 2021
 Exercise Workbook for Beginning AutoCAD 2002
 Advanced AutoCAD 2011 Exercise Workbook
 AutoCAD Exercises
 AutoCAD 2019 Beginning and Intermediate
 Advanced Autocad(r) 2022 Exercise Workbook
 Exercise Workbook for Beginning in AutoCAD 2000, 2000i and LT

Autocad Exercises For Beginners

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HINES ERICKSON

Beginning AutoCAD® 2019 Exercise Workbook

Independently Published

- 100 2D CAD Exercises. - 50 3D CAD Exercises. - Each exercise can be designed on any CAD software such as AutoCAD, SolidWorks, Catia, PTC Creo Parametric, Siemens NX, Autodesk Inventor and other. - These exercises are designed to help you test out your basic CAD skills. - Each exercise can be assigned separately. - No exercise is a prerequisite for another.

Beginning AutoCAD® 2021 Exercise Workbook Independently Published

AUTOCAD EXERCISES Do you want to learn how to design 2D and 3D models in your favorite Computer Aided Design (CAD) software such as AUTOCAD, FUSION 360 or SolidWorks? Look no further. We have designed 400 CAD exercises that will help you to test your CAD skills. What's included in the AUTOCAD EXERCISES book? Whether you are a beginner, intermediate, or an expert, these 400 CAD exercises will challenge you. The book

contains 200 2D & 200 3D models and practice drawings or exercises. - Each exercise contains images of the final design and exact measurements needed to create the design. - Each exercise can be designed on any CAD software which you desire. It can be done with AutoCAD, SolidWorks, Inventor, DraftSight, Creo, Solid Edge, Catia, NX and other feature-based CAD modeling software. - It is intended to provide Drafters, Designers and Engineers with enough 2D & 3D CAD exercises for practice on AUTOCAD. - It includes almost all types of exercises that are necessary to provide, clear, concise and systematic information required on industrial machine part drawings. - Third Angle Projection is intentionally used to familiarize Drafters, Designers and Engineers in Third Angle Projection to meet the expectation of worldwide Engineering drawing print. - This book is for Beginner, Intermediate and Advance CAD users. - Clear and well drafted drawing help easy understanding of the design. - These exercises are from Basics to Advance level. - Each exercises can be assigned and designed separately. - No Exercise is a prerequisite for another. All dimensions are in mm. Prerequisite To design & develop models, you should have knowledge of CAD. Student should have knowledge of Orthographic views and projections.

Student should have basic knowledge of engineering drawings.

100 AutoCAD Exercises - Learn by Practicing (2nd Edition)
Industrial Press Inc.

For more than two decades, the Beginning AutoCAD(R) Exercise Workbook has been THE definitive tutorial for those learning and teaching about the CAD software. And as the AutoCAD package has continued to improve, so has this work, with better graphics, enhanced standard features (such as "CAD Tips" and side-by-side inch/metric measurements), and additional practical exercises. AutoCAD 2020 is packed with new features. The Exercise Workbook shows users and instructors how to unleash the power of AutoCAD with easy-to-follow lessons and tutorials on the many tools and commands available to create, tweak, and perfect a drafting, drawing, design, or 3D printed final product. Visual learners will be especially pleased with the heavily illustrated format, and the way the authors' lessons and exercises progress seamlessly from the basics to more sophisticated projects. For users of AutoCAD(R), there is simply no better resource on the market. "CAD TIPS" and INCH/METRIC MEASUREMENTS This top-selling Workbook includes a dynamic feature called "CAD Tips" interspersed throughout the lessons to provide insider information from longtime AutoCAD experts. Side-by-side inch/metric measurements make the work accessible to AutoCAD users around the globe. New Features in AutoCAD 2020 Dark and light theme, making the command buttons to stand out more, and making the interface look more like the Windows 10 operating system dialog box appearance. New Blocks Palette, allowing users to view blocks before inserting them, with the added ability to insert blocks from current, recent, and saved drawings. Purge, making it easier to find and remove unused layers, text object, dimension styles, etc. Drawing Compare Enhancements, enabling users to compare 2 drawings and actually edit them at the same time. Quick Measure, revealing the size of all objects in length, width, angles, radius, or diameter. *Exercise Workbook for Beginning AutoCAD 2007* Industrial Press There's simply no better resource for anyone learning about and/or teaching CAD software than the Beginning AutoCAD Exercise Workbook. Veteran AutoCAD experts and former instructors Shrock and Heather have packed the 2021 version with a vastly improved interior design layout, 30 in-depth lessons with hundreds of useful practice exercises, all new screenshots, along with tried and true features such as "CAD tips" and side-by-side metric/inch measurements. The detailed, step-by-step format makes mastering AutoCAD much easier, in or out of a formal classroom. Readers can download the provided templates used for drawings in the book from the Industrial Press website. New and/or Improved Features in Beginning AutoCAD 2021 Streamlined Trim and Extend command--Boundary edges are now selected automatically, making trimming or extending objects far more efficient. Revision Cloud enhancements--Users can use one value that measures the chord distance between the end points of each cloud arc to create more consistent revision clouds. Measure Geometry: Quick Measure--The area and perimeter of closed objects (and even multiple objects) can be measured with a simple click, all in one go. Beginning AutoCAD 2021 contains more content than ever before, yet has been redesigned and reduced by more than 100 pages, making it more manageable to read and carry.

[AutoCAD For Dummies](#) Industrial Press

Résumé : For new users of AutoCAD', or those simply brushing up on their skills, this valuable resource provides step-by-step instructions with corresponding screen shots illustrating exactly what the user will see when using the software. --

AutoCAD 2022 Tutorial First Level 2D Fundamentals
CADArtifex

The primary goal of AutoCAD 2021 Tutorial First Level 2D Fundamentals is to introduce the aspects of Computer Aided Design and Drafting (CADD). This text is intended to be used as a training guide for students and professionals. This text covers AutoCAD 2021 and the lessons proceed in a pedagogical fashion to guide you from constructing basic shapes to making multiview drawings. This textbook contains a series of eleven tutorial style lessons designed to introduce beginning CAD users to AutoCAD 2021. It takes a hands-on, exercise-intensive approach to all the important 2D CAD techniques and concepts. This text is also helpful to AutoCAD users upgrading from a previous release of the software. The new improvements and key enhancements of the software are incorporated into the lessons. The 2D-CAD techniques and concepts discussed in this text are also designed to serve as the foundation to the more advanced parametric feature-based CAD packages such as Autodesk Inventor. The basic premise of this book is that the more designs you create using AutoCAD 2021, the better you learn the software. With this in mind, each lesson introduces a new set of commands and concepts, building on previous lessons. This book is intended to help readers establish a good basis for exploring and growing in the exciting field of Computer Aided Engineering. Video Training Included with every new copy of AutoCAD 2021 Tutorial First Level 2D Fundamentals is access to extensive video training. The video training parallels the exercises found in the text and is designed to be watched first before following the instructions in the book. However, the videos do more than just provide you with click by click instructions. Author Luke Jumper also includes a brief discussion of each tool, as well as rich insight into why and how the tools are used. Luke isn't just telling you what to do, he's showing and explaining to you how to go through the exercises while providing clear descriptions of the entire process. It's like having him there guiding you through the book. These videos will provide you with a wealth of information and bring the text to life. They are also an invaluable resource for people who learn best through a visual experience. These videos deliver a comprehensive overview of the 2D tools found in AutoCAD and perfectly complement and reinforce the exercises in the book. [AutoCAD 2020 For Beginners](#) Industrial Press

This best-selling Exercise Workbook is the perfect resource for learning and honing essential AutoCAD skills, whether you are a complete beginner, seeking to improve your 2D drawing skills, or simply interested in learning about the very latest updates. AutoCAD experts Shrock and Heather share their knowledge of the best use of this versatile program with students and instructors, including plenty of inside tips and numerous exercises to help users get comfortable and see real progress. Readers can download the provided templates used for drawings in the book from Industrial Press's print or eBook website product pages. The new AutoCAD 2023 software builds on the features of the previous releases. Design changes include a reinvented icon on the main menus and revisions of the Model and Layout Tabs. A new button in the Count Palette, facilitating creation of a table tallying the elements in your drawing file, along with changes to the Recent Documents List and Floating File Tabs, make it easier than ever to keep track of multiple drawing files. New and/or Improved Features in Beginning AutoCAD 2023: Options Dialog Box -- If you make changes in any of the Options dialog box Tabs and attempt to close the dialog box before selecting the Apply and OK buttons, a warning message dialog box will appear. (Included in the Introduction) Recent Documents List -- You can now remove a file from the Recent Documents List in the Application Menu, making this handy list more applicable to your current AutoCAD projects. (Included in Lesson 1) Floating File Tabs -- Thanks to continued improvements to the Floating File

Tabs, you can Pin a Floating File Tab so that it remains on top of any other open or overlapping drawing file windows. (Included in Lesson 2)

AutoCAD Mechanical John Wiley & Sons

The primary goal of AutoCAD Exercises book is to provide AutoCAD practice exercises for beginners. This book contains 100 2D exercises and 50 3D exercises. Each exercise can be designed on any CAD software such as AutoCAD, SolidWorks, Catia, PTC Creo Parametric, Siemens NX, Autodesk Inventor, Solid Edge, DraftSight and other CAD programs. These exercises are designed to help you test out your basic CAD skills. Each exercise can be assigned separately. No exercise is a prerequisite for another.

Beginning Autocad(r) 2024 Exercise Workbook Industrial Press

The primary goal of AutoCAD 2023 Tutorial First Level 2D Fundamentals is to introduce the aspects of Computer Aided Design and Drafting (CADD). This text is intended to be used as a training guide for students and professionals. This text covers AutoCAD 2023 and the lessons proceed in a pedagogical fashion to guide you from constructing basic shapes to making multiview drawings. This textbook contains a series of twelve tutorial style lessons designed to introduce beginning CAD users to AutoCAD 2023. It takes a hands-on, exercise-intensive approach to all the important 2D CAD techniques and concepts. This text is also helpful to AutoCAD users upgrading from a previous release of the software. The new improvements and key enhancements of the software are incorporated into the lessons. The 2D-CAD techniques and concepts discussed in this text are also designed to serve as the foundation to the more advanced parametric feature-based CAD packages such as Autodesk Inventor. The basic premise of this book is that the more designs you create using AutoCAD 2023, the better you learn the software. With this in mind, each lesson introduces a new set of commands and concepts, building on previous lessons. This book is intended to help readers establish a good basis for exploring and growing in the exciting field of Computer Aided Engineering. Video Training Included with every new copy of AutoCAD 2023 Tutorial First Level 2D Fundamentals is access to extensive video training. There are forty-six videos with more than five hours of training in total. This video training parallels the exercises found in the text and is designed to be watched first before following the instructions in the book. However, the videos do more than just provide you with click by click instructions. Author Luke Jumper also includes a brief discussion of each tool, as well as rich insight into why and how the tools are used. Luke isn't just telling you what to do, he's showing and explaining to you how to go through the exercises while providing clear descriptions of the entire process. It's like having him there guiding you through the book. These videos will provide you with a wealth of information and bring the text to life. They are also an invaluable resource for people who learn best through a visual experience. These videos deliver a comprehensive overview of the 2D tools found in AutoCAD and perfectly complement and reinforce the exercises in the book.

AutoCAD 2022: A Power Guide for Beginners and Intermediate Users SDC Publications

For decades, AutoCAD(R) students, instructors, and professionals have relied on the Exercise Workbook series to develop and hone their use of this exceptionally versatile program. Whether you are an AutoCAD novice, seeking to improve 2D drawing capabilities, or simply looking for a top-notch reference with the very latest updates from Autodesk(R), the bestselling Beginning AutoCAD(R) 2025 Exercise Workbook is the perfect choice. With clear explanations, step-by-step instructions, inside tips, and numerous exercises, AutoCAD experts Shrock and Heather help users make

real progress in their drawing capabilities. To quick-start working with drawing commands, users can download preset drawing templates from the provided link, or by visiting Industrial Press's print or eBook website product pages. The new AutoCAD 2025 software builds on the features of previous releases. Notable changes include a smarter help menu and useful revisions to the Hatch tool, making it easier to fill in AutoCAD drawings. As ever, this new version enables efficient creation, precise revision, and collaborative sharing of layouts for myriad projects. New and/or Improved Features in Beginning AutoCAD 2025: Autodesk Assistant--This artificial intelligence (AI) enhanced help system can help answer AutoCAD-related questions. If the Autodesk Assistant cannot provide the needed answer, it links the user to other sources, including a live Autodesk agent. (Included in Lesson 1) Hatch Improvements--The Hatch tool has been enhanced to enable more efficient placement of a hatch pattern without the previous requirement of a closed boundary. (Included in Lesson 15) Global AutoCAD 2025 Updates--New illustrations, detailed explanations, and step-by-step instructions throughout this Exercise Workbook reflect the latest AutoCAD tools, dialog boxes, and key elements.

Beginning AutoCAD 2011 Exercise Workbook Independently Published

The primary goal of CAD Exercises book is to provide CAD practice exercises for beginners. This book contains 100 2D exercises and 50 3D exercises. Each exercise can be designed on any CAD software such as AutoCAD, SolidWorks, Catia, PTC Creo Parametric, Siemens NX, Autodesk Inventor, Solid Edge, DraftSight and other CAD programs. These exercises are designed to help you test out your basic CAD skills. Each exercise can be assigned separately. No exercise is a prerequisite for another.

150 CAD Exercises Createspace Independent Publishing Platform

Publisher's note: This edition from 2020 is based on AutoCAD 2021 and AutoCAD LT 2021 and does not make use of the most recent AutoCAD features. A new second edition, updated for AutoCAD 2023 and AutoCAD LT 2023 including new topics, such as Floating drawing windows and the COUNT feature, has now been published. Key Features Explore the AutoCAD GUI, file format, and drawing tools to get started with CAD projects Learn to use drawing management tools for working efficiently on large projects Discover techniques for creating, modifying, and managing 3D models and converting 2D plans into 3D models Book Description AutoCAD and AutoCAD LT are one of the most versatile software applications for architectural and engineering designs and the most popular computer-aided design (CAD) platform for 2D drafting and 3D modeling. This hands-on guide will take you through everything you need to know to make the most out of this powerful tool, starting from a simple tour of the user interface through to using advanced tools. Starting with basic drawing shapes and functions, you'll get to grips with the fundamentals of CAD designs. You'll then learn about effective drawing management using layers, dynamic blocks, and groups and discover how to add annotations and plot like professionals. The book delves into 3D modeling and helps you convert your 2D drawings into 3D models and shapes. As you progress, you'll cover advanced tools and features such as isometric drawings, drawing utilities for managing and recovering complex files, quantity surveying, and multidisciplinary drawing files using xRefs, and you'll learn how to implement them with the help of practical exercises at the end of each chapter. Finally, you'll get to grips with rendering and visualizing your designs in AutoCAD. By the end of the book, you'll have developed a solid understanding of CAD principles and be able to work with

AutoCAD software confidently to build impressive 2D and 3D drawings. What you will learn Understand CAD fundamentals using AutoCAD's basic functions, navigation, and components Create complex 3d solid objects starting from the primitive shapes using the solid editing tools Working with reusable objects like Blocks and collaborating using xRef Explore some advanced features like external references and dynamic block Get to grips with surface and mesh modeling tools such as Fillet, Trim, and Extend Use the paper space layout in AutoCAD for creating professional plots for 2D and 3D models Convert your 2D drawings into 3D models Who this book is for The book is for design engineers, mechanical engineers, architects, and anyone working in construction, manufacturing, or similar fields. Whether you're an absolute beginner, student, or professional looking to upgrade your engineering design skills, you'll find this AutoCAD book useful. No prior knowledge of CAD or AutoCAD is necessary. "Opel und Chevrolet Tage" am 12. und 13. April bei Opel Böttcher Industrial Press Inc.

AutoCAD Exercises For Beginners Book Highlights: (no theory given, only drawing exercise included).

AutoCAD Exercises Industrial Press

AutoCAD 2022: A Power Guide for Beginners and Intermediate Users textbook is designed for instructor-led courses as well as for self-paced learning. It is intended to help engineers, designers, and CAD operators interested in learning AutoCAD for creating 2D engineering drawings as well as 3D Models. This textbook is a great help for new AutoCAD users and a great teaching aid for classroom training. This textbook consists of 13 chapters, and a total of 546 pages covering major workspaces of AutoCAD such as Drafting & Annotation and 3D Modeling. This textbook teaches you to use AutoCAD software for creating, editing, plotting, and managing real world 2D engineering drawings and 3D Models. This textbook not only focuses on the usage of the tools/commands of AutoCAD but also on the concept of design. Every chapter of this textbook contains tutorials that provide users with step-by-step instructions on how to create mechanical designs and drawings with ease. Moreover, every chapter ends with hands-on test drives which allow users to experience themselves the user friendly and powerful capabilities of AutoCAD.

Beginning Autocad(r) 2023 Exercise Workbook Industrial Press Inc.

Looking to take your AutoCAD skills to the next level, but don't know where to turn? Your search is over. AutoCAD® gurus Cheryl Shrock and Steve Heather have created the perfect learning system, packed with lessons, exercises, projects, and practical inside tips. Refreshed screenshots and step-by-step exercises, frequently asked questions, and updated industry-specific projects highlight this edition covering the new AutoCAD 2022 software. This Exercise Workbook covers important AutoCAD commands and step-by-step procedures, including a thorough review of the latest features available (see the feature box, below), including Floating Drawing Tabs and Shared Views. All of this is reinforced by inch and metric exercises, designed to give you the practice needed to efficiently master key skills and complete more advanced projects. Plus, for the first time ever, an AutoCAD Quick Key Guide is included, providing a handy reminder for one-key shortcuts and multiple keyboard combinations. Whether you are an instructor, a student of engineering, design, architecture, or computer graphics, or a hobbyist looking to hone your craft, you will find the Advanced AutoCAD Exercise Workbook an invaluable asset in your AutoCAD library. New and/or Improved Features in AutoCAD 2022: Installer-The new Installer reduces the number of steps required for the initial install, improving performance. Floating Drawing


Tabs-Drag a drawing file tab from the main application window to make it a separate drawing file window and have several drawings open at once. This is particularly useful if you have two or more monitors. Shared Views-Store your designs in the Cloud for other users to view, measure, and exchange feedback. Share Current Drawing-Share a link to your drawing file and others can view or edit that drawing in AutoCAD's online application. Trace-Turn this on so that collaborators can work together on drawing changes without altering the existing drawing. Redesigned Start Tab-Take advantage of easier access to recent work and saved drawing files from connected drives, as well as learning resources and announcements from Autodesk.

CAD Exercises Industrial Press

400 CAD EXERCISES 200 2D Exercises & 200 3D Exercises for practice on any CAD program Do you want to learn how to design 2D and 3D models in your favorite Computer Aided Design (CAD) software such as AutoCAD, Autodesk Inventor or SolidWorks? Look no further. We have designed 400 CAD exercises that will help you to test your CAD skills in 2D (sketching) and 3D (part modeling) on any CAD program. What's included in the 400 CAD EXERCISES book? Whether you are a beginner, intermediate, or an expert, these 400 CAD exercises will challenge you. The book contains 200 2D exercises (sketching) & 200 3D exercises (part modeling) for practice on any CAD program. Each exercise contains images of the final design and exact measurements needed to create the design. Each exercise can be designed on any CAD software which you desire. It can be done with AutoCAD, SolidWorks, Inventor, DraftSight, Creo, Solid Edge, Fusion 360, FreeCAD, IronCAD, BricsCAD, SketchUp, Catia, NX and other feature-based CAD modeling software. It is intended to provide Drafters, Designers and Engineers with enough CAD exercises for practice on any cad program. It includes almost all types of exercises that are necessary to provide, clear, concise and systematic information required on industrial machine part drawings. Third Angle Projection is intentionally used to familiarize Drafters, Designers and Engineers in Third Angle Projection to meet the expectation of worldwide Engineering drawing print. This book is for Beginner, Intermediate and Advance CAD users. Clear and well drafted drawing help easy understanding of the design. These exercises are from Basics to Advance level. Each exercises can be assigned and designed separately. No Exercise is a prerequisite for another. All dimensions are in mm.

Prerequisite To design & develop cad models, you should have knowledge of any cad program. Student should have knowledge of Orthographic views and projections. Student should have basic knowledge of engineering drawings.

AutoCAD Exercises Industrial Press

AutoCAD 2005 30-Day Trial Version included on the enclosed CD-ROM. Continue your AutoCAD education with this companion to the "Beginning" workbook. Completely updated for AutoCAD 2005 and 2005 LT software, this workbook includes 20 non-intimidating, easy to follow lessons and 3 on-the-job type projects in Architecture, Electro-mechanica... more  and Mechanical fields. It includes step-by-step instructions on how to create customized borders, title blocks, page setups, Isometric drawings, DesignCenter, Xref, Attributes, Ordinate dimensioning, Geometric Tolerances and more. It also provides the basics for 3D solid modeling, such as using solid primitives, Boolean operations, extrude, slice, rotate, revolve, dimension and print.

Advanced AutoCAD® 2017 Mercury Learning and Information Created for classroom instruction or as a self-study tutorial. Perfect for instructors new to AutoCAD. Each lesson is basically a lesson plan and saves the instructor hours of preparation time. There are 30 lessons with step by step instructions followed by exercises designed for practicing. The lessons are simple, clear

and not intimidating. The content can easily be configured for a 6 to 18 wk term.

Beginning AutoCAD® 2018 Industrial Press Inc.

Simple steps for creating AutoCAD drawings AutoCAD is the ubiquitous tool used by engineers, architects, designers, and urban planners to put their ideas on paper. It takes some AutoCAD know-how to go from a brilliant idea to a drawing that properly explains how brilliant your idea is. AutoCAD For Dummies helps you de-mystify the handy software and put the tools in AutoCAD to use. Written by an experienced AutoCAD engineer and mechanical design instructor, it assumes no previous computer-aided drafting experience as it walks you through the basics of starting projects and drawing straight lines all the way up through 3D modeling. Conquer the first steps in creating an AutoCAD project Tackle drawing basics including straight lines and curves Add advanced skills including 3D drawing and modeling Set up a project and move into 3D It's true that AutoCAD is tough, but with the friendly instruction in this hands-on guide, you'll find everything you need to start creating marvelous models—without losing your cool.

AutoCAD Exercises For Beginners Academic Press

The primary goal of AutoCAD 2022 Tutorial First Level 2D Fundamentals is to introduce the aspects of Computer Aided Design and Drafting (CADD). This text is intended to be used as a training guide for students and professionals. This text covers AutoCAD 2022 and the lessons proceed in a pedagogical fashion to guide you from constructing basic shapes to making multiview drawings. This textbook contains a series of twelve tutorial style lessons designed to introduce beginning CAD users to AutoCAD 2022. It takes a hands-on, exercise-intensive approach to all the

important 2D CAD techniques and concepts. This text is also helpful to AutoCAD users upgrading from a previous release of the software. The new improvements and key enhancements of the software are incorporated into the lessons. The 2D-CAD techniques and concepts discussed in this text are also designed to serve as the foundation to the more advanced parametric feature-based CAD packages such as Autodesk Inventor. The basic premise of this book is that the more designs you create using AutoCAD 2022, the better you learn the software. With this in mind, each lesson introduces a new set of commands and concepts, building on previous lessons. This book is intended to help readers establish a good basis for exploring and growing in the exciting field of Computer Aided Engineering. Video Training Included with every new copy of AutoCAD 2022 Tutorial First Level 2D Fundamentals is access to extensive video training. There are forty-six videos with more than five hours of training in total. This video training parallels the exercises found in the text and is designed to be watched first before following the instructions in the book. However, the videos do more than just provide you with click by click instructions. Author Luke Jumper also includes a brief discussion of each tool, as well as rich insight into why and how the tools are used. Luke isn't just telling you what to do, he's showing and explaining to you how to go through the exercises while providing clear descriptions of the entire process. It's like having him there guiding you through the book. These videos will provide you with a wealth of information and bring the text to life. They are also an invaluable resource for people who learn best through a visual experience. These videos deliver a comprehensive overview of the 2D tools found in AutoCAD and perfectly complement and reinforce the exercises in the book.