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## Cswp Exam Guide

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*How to Pass CSWP Certified SolidWorks Professional Free Segment 1 Exam  
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*SolidWorks CSWA practice exam Certified SOLIDWORKS Professional (CSWP)  
Prep Course 1/2 6 Preparation CSWP Exam SolidWorks segment 1 by ArnoX  
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*2018 Exam Pattern All 3 segment details*

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Engineering#CSWP Exam preparation for solidworks#CSWP exam preparation  
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SOLIDWORKS - 12½ Tips to Pass the NEW CSWPPREPARATION \u0026  
ADVANTAGES OF CSWP SOLIDWORKS - SEGMENT EXAMS SolidWorks - 12½ Tips to  
Pass the CSWA (and bonus Mario Shell!) - TutorialWorks ep. 2 The Value  
of SOLIDWORKS Certifications Solidworks Part Design Example 2  
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4: Assembly Modeling|JOKO ENGINEERING| 3 Preparation CSWP Exam

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[SolidWorks segment 1 by ArnoX Engineering 3 on 7 CSWP - SEGMENT II - Configurations, Design Table, Part Modifications Cswp Exam Guide](#)

CSWP Exam Details Each of the three segments are purchased as separate exam credits (they may be purchased as a three-part bundle) and are taken in separate sittings. Total Exam Length: 3 hours 20 minutes (All segments) Minimum Passing grade: See details below Re-test Policy: There is a minimum 14 day waiting period between every attempt

~~SOLIDWORKS Certification Exam Guide & Practice Test~~

Even the most seasoned engineers need CSWP practice to learn the exam's shortcuts, tips, and tricks. To help you succeed, we asked Certified SOLIDWORKS Professionals to share their secrets to passing this SOLIDWORKS Certification exam. In this CSWP guide, you'll access: Tips on how to prepare for the CSWP exam. Advice on how to study and practice for the CSWP exam.

~~SOLIDWORKS CSWP Exam Prep Guide | Download Now~~

1. What is the Certified SOLIDWORKS Professional API (CSWP-API) exam? The CSWP-API exam is a comprehensive, non-proctored online exam that tests an individual's ability to automate SOLIDWORKS using VBA programming. 2. What resources do I need to take the CSWP-API? The CSWP-API test is an online test that can be taken on any computer that

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has

~~SOLIDWORKS Certification Exam Guide & Practice Test~~

Note: The Certified SolidWorks Professional Exam consists of 3 sections: the written test, the basic skills hands-on modeling test and the advanced skills hands-on modeling test. We recommend designing and building all the models and drawings from our Essentials and Advanced training manuals before taking the CSWP Exam .

~~Cswp Practice Exam Pdf 12/2020 Course f~~

Tips And Tricks To Prep For The CSWP Exam. Freeedi3di.com. CSWP Exam: Segment 1 Segment 1(90 Minutes) •Create a part from scratch •Use dimension links and equations to aid in modeling •Use of equations to relate dimensions •Update of parameters and dimension sizes •Mass property analysis •Modification of geometry on ...

~~Cswp Segment 1 Practice Exam 12/2020~~

CSWP Exam: Segment 1. Segment 1 (90 Minutes) •Create a part from scratch •Use dimension links and equations to aid in modeling •Use of equations to relate dimensions •Update of parameters and dimension sizes •Mass property analysis •Modification of geometry on initial part to create a more complex part. 20.

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## ~~Tips And Tricks To Prep For The CSWP Exam~~

The current release of the CSWP Exam has been broken down into three separate segments. This new system means you no longer have to set aside a block of time to take the entire exam in one sitting. The segmented exam allows you to take each segment at any time, and in any order, and if you choose you can take all three in a row.

## ~~Ultimate Guide to SOLIDWORKS Certification — CSWP~~

Examination Information SoliNcrks Examination Information Welcome to Segment 1 of the cswp Core Exam (CSWPCORE) This test is made up of a series of problems broken down into sets of questions. Each problem set of questions is preceded by a description that outlines the problems to be solved for that set.

## ~~CSWP: Certified SOLIDWORKS Professional~~

Each CSWP has proven their ability to design and analyze parametric parts and moveable assemblies using a variety of complex features in SOLIDWORKS software. Take the Exam Sample CSWP Exam (PDF) Recommended Training Courses. SOLIDWORKS Essentials, SOLIDWORKS Drawings, Advanced Part Modeling, and Advanced Assembly Modeling. Notes:

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~~Mechanical Design (CSWP Mechanical Design) | SOLIDWORKS~~

The Official Certified SolidWorks Associate (CSWA) Examination Guide is a valuable tool in the preparation for the Exam. It does an excellent job by way of repetition of giving you the practice and confidence to write the exam and pass first time. It starts out gentle and then gives you example after example to work through.

~~Cswp Exam Guide — sitelines2018.com~~

The current release of the CSWP Exam has been broken down into three separate segments. This new system means you no longer have to set aside a block of time to take the entire exam in one sitting. The segmented exam allows you to take each segment at any time, and in any order, and if you choose you can take all three in a row.

~~Cswp Segment 2 Practice Exam — XpCourse~~

This guide contains information, advice, and practice for becoming a Certified SOLIDWORKS Associate. Here, you will find: ? An overview of SOLIDWORKS Certifications ? Details about the CSWA Exam ? Advice on preparing for and taking the CSWA Exam ? A Practice CSWA Exam and answer key ? Directions to useful SOLIDWORKS websites 4

~~SOLIDWORKS Certification Exam Guide & Practice Test~~

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Overview of the Exam The CSWP (Certified SOLIDWORKS Professional) consists of three segments: modeling, configurations, and assemblies. Each certification is taken by using the SOLIDWORKS VirtualTester Certification Center. Refer to the Exam Guide & Practice Test to see how to set it up.

~~Certification Series (CSWP) Part 1. SolidWORKS It Like A ...~~

This guide is not intended to teach you how to use SOLIDWORKS, but is written to provide you with CSWP exam tips, hints and information on sample questions and categories that are aligned with the exam. This guide is written to help you take and pass the CSWP exam. The book is organized into three chapters. Each chapter is focused on a segment of the CSWP CORE exam. This is not intended to be a step-by-step book. Goals of this book

~~Official Certified SOLIDWORKS Professional Certification ...~~

SOLIDWORKS Certification Exam Guide & Practice Test. Top  
www.solidworks.com. 5. This guide includes an answer key after the practice exam. 6. If you can complete this exam and get at least 6 out of 8 questions correct in less than 90 minutes, you should be ready to take the real CSWA exam. 7.

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Take the Exam Exam Information. Mechanical Design Academic Version (CSWP-Academic) STUDENTS ONLY. Certified SOLIDWORKS Professional – Academic certification is intended for a student with a minimum of 1 to 2 years of SOLIDWORKS experience and advanced knowledge of engineering practices. Taking the Exam Apply.

~~SOLIDWORKS Certification Program | SOLIDWORKS~~

SOLIDWORKS Certification Exam Guide & Practice Test. Save [www.solidworks.com](http://www.solidworks.com). The CSWA Exam is administered through the Tangix TesterPRO Client, an application that you may download from the SOLIDWORKS VirtualTester website. The sample exam in this packet can also be taken in the Tangix TesterPRO Client.

~~Cswa Practice Exam 12/2020~~

about the three segments of the cswp core exam and is in official certified solidworks professional cswp certification guide this book along with the companion disc that accompanies it will provide you with a wealth of information about the three segments of the cswp core exam the intended audience for this book is a person who has

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guide This guide contains information, advice, and practice for  
becoming a Certified SOLIDWORKS Associate. Here, you will find: An  
overview of

This book, along with the companion disc that accompanies it, will provide you with a wealth of information about the three segments of the CSWP CORE exam. The intended audience for this book is a person who has passed the CSWA exam and who has eight or more months of SolidWorks training and usage. This guide is not intended to teach you how to use SolidWorks, but is written to provide you with CSWP exam tips, hints and information on sample questions and categories that are aligned with the exam. This guide is written to help you take and pass the CSWP exam. This book comes with a companion disc containing segment videos for you to follow while you use the book. Each segment video provides valuable information, tips and tricks to successfully pass the CSWP CORE exam. SolidWorks model files, in both their initial and final state, are provided on this disc for SolidWorks 2012, 2013

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and 2014. The book is organized into three chapters. Each chapter is focused on a segment of the CSWP CORE exam. This is not intended to be a step-by-step book.

This book, CSWP exam preparation: All-in-one guidebook with practice exams, is written to assist students in college and universities, engineers, and professionals who are interested in getting a certification of CSWP(Certified SOLIDWORKS Professional). There are so many books available for learning SOLIDWORKS, while there are very few books to help for CSWP exam preparation. To prepare for exams efficiently, future exam takers essentially need exam-oriented preparation books. There are some online/offline training programs. However, those are very expensive to prepare a CSWP exam. This book is divided into four parts. Part I covers introductory principles of CSWP, including fundamental knowledge of the CSWP exam. Part II covers the first segment of the CSWP exam mainly focusing on part modeling, including six practice exam sets. Also, key skills for passing the segment one exam are explained with various hands-on examples. Part III covers the second segment of the CSWP exam focusing on the configuration and design intent. Part IV covers the third segment focusing on the assemblies and mates. Organizing the book in this way is to help the students, engineers, and professionals to prepare the

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CSWP exam efficiently. This book has a significant number of pictorial descriptions of the steps with screenshots that a student should follow. Since 2018, the format of the CSWP exam has been updated. However, the problem pattern covered by the exam and the required SOLIDWORKS skill does not change significantly. To help adapt to this new format, two sets of updated tests form are included in each part. The first practice test set for each part is provided with a walkthrough instruction that includes a step-by-step problem-solving process, and the rest of the practice test sets are provided with the answers in the end-of-section with video tutorials. Time management is essential in CSWP, so it is recommended that you practice by completing the test within the specified time. It is hoped that students and engineers will find this edition useful for passing the CSWP exam in the first attempt.

This book, along with the companion disc that accompanies it, will provide you with a wealth of information about the three segments of the CSWP CORE exam. The intended audience for this book is a person who has passed the CSWA exam and who has eight or more months of SolidWorks training and usage. This guide is not intended to teach you how to use SolidWorks, but is written to provide you with CSWP exam tips, hints and information on sample questions and categories that

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are aligned with the exam. This guide is written to help you take and pass the CSWP exam. This book comes with a companion DVD containing segment videos for you to follow while you use the book. Each segment video provides valuable information, tips and tricks to successfully pass the CSWP CORE exam. SolidWorks model files, in both their initial and final state, are provided on this DVD for both SolidWorks 2012 and 2013. The book is organized into three chapters. Each chapter is focused on a segment of the CSWP CORE exam. This is not intended to be a step-by-step book.

The CSWPA is a set of exams designed to demonstrate your advanced abilities in five distinct areas of SOLIDWORKS. By passing the CSWPA exams you prove to potential employers that you have an advanced skill set within SOLIDWORKS, and you become more desirable in the job market. Certified SOLIDWORKS Professional Advanced Preparation Material is intended for the SOLIDWORKS user who has already passed the CSWP exam, and is ready to advance to the next level. This book covers the five CSWPA examinations; Sheet Metal, Weldments, Surfacing, Mold Tools, and Drawing Tools. The lessons in this book were created based on the actual CSWPA Examinations. Each of these projects have been broken down and developed into easy and comprehensible steps for the reader. Every challenge is explained very clearly in short

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chapters, ranging from 30 to 50 pages. Each step comes with a screen shot to help you understand the main concept of each design more easily. Learn the CSWP Advanced Preparation Materials at your own pace, as you progress from Parts, Assemblies, Drawings and then to more complex design challenges. To get the most out of this CSWPA-Certification Preparation book it is strongly recommended that you have studied and completed all the lessons in the Basic Tools, Intermediate Skills and Advanced Techniques books. It is also a great resource for the more CAD literate individuals who want to expand their knowledge of the different features that SOLIDWORKS 2017 has to offer. This book is a great resource to prepare for and pass the CSWPA exams which will prove your expertise and further your career. After completing at least four of the five CSWPA exams you will become eligible to try for the highest level SOLIDWORKS certification, the Certified SOLIDWORKS Expert.

The Official Guide to Certified SOLIDWORKS Associate Exams: CSWA, CSDA, CSWSA-FEA is written to assist the SOLIDWORKS user to pass the associate level exams. Information is provided to aid a person to pass the Certified SOLIDWORKS Associate (CSWA), Certified SOLIDWORKS Sustainable Design Associate (CSDA) and the Certified SOLIDWORKS Simulation Associate Finite Element Analysis (CSWSA FEA) exam. There

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are three goals for this book. The primary goal is not only to help you pass the CSWA, CSDA and CSWSA-FEA exams, but also to ensure that you understand and comprehend the concepts and implementation details of the three certification processes. The second goal is to provide the most comprehensive coverage of CSWA, CSDA and CSWSA-FEA exam related topics available, without too much coverage of topics not on the exam. The third and ultimate goal is to get you from where you are today to the point that you can confidently pass the CSWA, CSDA and the CSWSA-FEA exam. The Certified SOLIDWORKS Associate (CSWA) certification indicates a foundation in and apprentice knowledge of 3D CAD design and engineering practices and principles. Passing this exam provides students the chance to prove their knowledge and expertise and to be part of a worldwide industry certification standard. The Certified SOLIDWORKS Sustainable Design Associate (CSDA) certification indicates a foundation in and apprentice knowledge of demonstrating an understanding in the principles of environmental assessment and sustainable design. The Certified SOLIDWORKS Simulation Associate - Finite Element Analysis (CSWSA-FEA) certification indicates a foundation in and apprentice knowledge of demonstrating an understanding in the principles of stress analysis and the Finite Element Method (FEM).

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This book is based on the actual CSWPA-SM exam. It is the most complete and comprehensive book on CSWPA-SM available, and it will thoroughly prepare you to take and pass the CSWPA-SM exam. The CSWPA-SM exam is one of the most challenging of the CSWPA exams and this book will help you prepare for this exam. There are 15 Questions in the exam as is in this book and the exam length is 90 minutes. Each and every step comes with actual exam screen captures and step by step solutions with screen captures from SolidWorks. SolidWorks is one of the most widely used MCAD packages on the planet and it is an excellent example of how certification can distinguish a standout designer or design engineer from the rest of the crowd. The completion of the Certified SOLIDWORKS Professional Advanced Sheet Metal (CSWPA-SM) exam shows that you have successfully demonstrated your ability to use SOLIDWORKS Sheet Metal tools and employers can be confident that an individual with this certification understands the set of SOLIDWORKS tools that aid in the design of sheet metal components. A journey of a thousand miles begins with the first step, take the step today by purchasing this eBook or in fact a roadmap to passing your Certified SOLIDWORKS Professional Advanced Sheet Metal (CSWPA-SM) Exam and joining a family of thousands of Certified SolidWorks Professionals across the Globe. This book is not only for someone who wants to write and pass the Certified SOLIDWORKS Professional Advanced Sheet Metal (CSWPA-SM) exam but it is

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also for those who want to learn the best practice in using sheet metal tools in Solidworks as well as those who want to keep their skills honed and or maintain their ingenuity and proficiency with the software. To write the CSWPA-SM exam, one should have passed the CSWA and CSWP exams.

Most CAD professionals today recognize the need to become certified to prove their skills, prepare for new job searches, and to learn new skills while at their existing job. Specifying a Certified SolidWorks Associate (CSWA) certification on your resume is a great way to increase your chances of landing a new job, getting a promotion, or looking more qualified when representing your company on a consulting job. The primary goal of this book is not only to help you pass the CSWA exam, but also to ensure that you understand and comprehend the concepts and implementation details of the CSWA process. The second goal is to provide the most comprehensive coverage of CSWA exam related topics available, without too much coverage of topics not on the exam. The third and ultimate goal is to get you from where you are today to the point that you can confidently pass the CSWA exam. DS SolidWorks Corp. offers various stages of certification. Each stage represents increasing levels of expertise in 3D CAD design as it applies to engineering: Certified SolidWorks Associate CSWA, Certified



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SolidWorks Professional CSWP and Certified SolidWorks Expert CSWE along with specialty fields in Simulation, Sheet Metal, and Surfacing. The CSWA Certification indicates a foundation in and apprentice knowledge of 3D CAD design and engineering practices and principles. The main requirement for obtaining the CSWA certification is to take and pass the on-line proctored 180 minute exam (minimum of 165 out of 240 points). The new CSWA exam consists of fourteen questions in five categories. Passing this exam provides students the chance to prove their knowledge and expertise and to be part of a worldwide industry certification standard.

This book is written to assist you with passing the SOLIDWORKS associate level exams. It provides you with detailed information and exercises that will aid you in passing the following exams: Certified SOLIDWORKS Associate (CSWA), Certified SOLIDWORKS Associate Sustainable Design (CSWA-SD), Certified SOLIDWORKS Associate Simulation (CSWSA-S) and the Certified SOLIDWORKS Associate Additive Manufacturing (CSWA-AM) exam. There are three goals for this book. The primary goal of this book is not only to help you pass the CSWA, CSWA-SD, CSWSA-S and CSWA-AM exams, but also to ensure that you understand and comprehend the concepts and implementation details of the four certification processes. The second goal is to provide the most

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comprehensive coverage of CSWA, CSWA-SD, CSWSA-S and CSWA-AM exam related topics available, without too much coverage of topics not on the exam. The third and ultimate goal is to get you from where you are today to the point that you can confidently pass the CSWA, CSWA-SD, CSWSA-S and CSWA-AM exams. CSWA Exam The CSWA certification indicates a foundation in and apprentice knowledge of 3D CAD design and engineering practices and principles. The intended audience for this section of the book is anyone trying to take and pass the CSWA exam with a minimum of 6 - 9 months of SOLIDWORKS experience and basic knowledge of engineering fundamentals and practices. SOLIDWORKS recommends that you review their SOLIDWORKS Tutorials on Parts, Assemblies and Drawings as a prerequisite and have at least 45 hours of classroom time learning SOLIDWORKS or using SOLIDWORKS with basic engineering design principles and practices. CSWA-SD Exam The Certified SOLIDWORKS Associate Sustainable Design (CSWA-SD) certification indicates a foundation in and apprentice knowledge of demonstrating an understanding in the principles of environmental assessment and sustainable design. This section of the book is intended for anyone interested in Sustainable design as well as life cycle assessment and trying to take and pass the CSWA-SD exam. Although no hands-on usage of SOLIDWORKS is required for the CSWA-SD certification exam, it is a good idea to review the SOLIDWORKS

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SustainabilityXpress and SOLIDWORKS Sustainability tutorials inside of SOLIDWORKS to better understand the actual workflow. The CSWA-SD is based off the SOLIDWORKS Sustainable Design Guide that incorporates concepts including sustainability, environmental assessment and life cycle impact assessment. CSWSA-S Exam The Certified SOLIDWORKS Associate Simulation (CSWSA-S) certification indicates a foundation in and apprentice knowledge of demonstrating an understanding in the principles of stress analysis and the Finite Element Method (FEM). The CSWSA-S section of the book is for anyone trying to take and pass the CSWSA-S with a minimum of 6 - 9 months of SOLIDWORKS experience and knowledge in the following areas: Engineering Mechanics - Statics, Strength of Materials, Finite Element Method/Finite Element Analysis Theory, Applied concepts in SOLIDWORKS Simulation: namely Static Analysis, Solid, Shell, and Beam elements, Connections and Applying loads and boundary conditions and interpreting results. The purpose of this section in the book is NOT to educate a new or intermediate user on SOLIDWORKS Simulation, but to cover and to inform you on the types of questions, layout and what to expect when taking the CSWSA-S exam. CSWA-AM Exam The Certified SOLIDWORKS Associate Additive Manufacturing (CSWA-AM) certification indicates a foundation in and apprentice knowledge of today's 3D printing technology and market. The intended audience for this section of the book is anyone trying to take and

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pass the CSWA-AM exam and an interest in Additive Manufacturing. The CSWA-AM exam is meant to be taken after the completion of the 10-part learning path located on MySOLIDWORKS.com. The CSWA-AM exam fundamentally covers two 3D printing technologies: Fused Filament Fabrication (FFF) and STereoLithography (SLA). There are a few questions on Selective Laser Sintering (SLS) technology and available software-based printing aids.

Explore a practical and example-driven approach to understanding SOLIDWORKS 2020 and achieving CSWA and CSWP certification Key Features Gain comprehensive insights into the core aspects of mechanical part modeling Get up to speed with generating assembly designs with both standard and advanced mates Focus on design practices for both 2D as well as 3D modeling and prepare to achieve CWSP and CWSA certification Book Description SOLIDWORKS is the leading choice for 3D engineering and product design applications across industries such as aviation, automobiles, and consumer product design. This book takes a practical approach to getting you up and running with SOLIDWORKS 2020. You'll start with the basics, exploring the software interface and working with drawing files. The book then guides you through topics such as sketching, building complex 3D models, generating dynamic and static assemblies, and generating 2D engineering drawings to equip you for

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mechanical design projects. You'll also do practical exercises to get hands-on with creating sketches, 3D part models, assemblies, and drawings. To reinforce your understanding of SOLIDWORKS, the book is supplemented by downloadable files that will help you follow up with the concepts and exercises found in the book. By the end of this book, you'll have gained the skills you need to create professional 3D mechanical models using SOLIDWORKS, and you'll be able to prepare effectively for the Certified SOLIDWORKS Associate (CSWA) and Certified SOLIDWORKS Professional (CSWP) exams. What you will learn

- Understand the fundamentals of SOLIDWORKS and parametric modeling
- Create professional 2D sketches as bases for 3D models using simple and advanced modeling techniques
- Use SOLIDWORKS drawing tools to generate standard engineering drawings
- Evaluate mass properties and materials for designing parts and assemblies
- Understand the objectives and the formats of the CSWA and CSWP exams
- Discover expert tips and tricks to generate different part and assembly configurations for your mechanical designs

Who this book is for This book is for aspiring engineers, designers, drafting technicians, or anyone looking to get started with the latest version of SOLIDWORKS. Anyone interested in becoming a Certified SOLIDWORKS Associate (CSWA) or Certified SOLIDWORKS Professional (CSWP) will also find this book useful.

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SOLIDWORKS 2021 Tutorial is written to assist students, designers, engineers and professionals who are new to SOLIDWORKS. The text provides a step-by-step, project based learning approach. It also contains information and examples on the five categories in the CSWA exam. The book is divided into four sections. Chapters 1 - 5 explore the SOLIDWORKS User Interface and CommandManager, Document and System properties, simple and complex parts and assemblies, proper design intent, design tables, configurations, multi-sheet, multi-view drawings, BOMs, and Revision tables using basic and advanced features. In chapter 6 you will create the final robot assembly. The physical components and corresponding Science, Technology, Engineering and Math (STEM) curriculum are available from Gears Educational Systems. All assemblies and components for the final robot assembly are provided. Chapters 7 - 10 prepare you for the Certified Associate - Mechanical Design (CSWA) exam. The certification indicates a foundation in and apprentice knowledge of 3D CAD and engineering practices and principles. Chapter 11 covers the benefits of additive manufacturing (3D printing), how it differs from subtractive manufacturing, and its features. You will also learn the terms and technology used in low cost 3D printers. Follow the step-by-step instructions and develop multiple assemblies that combine over 100 extruded machined parts and components. Formulate the skills to create, modify and edit sketches

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and solid features. Learn the techniques to reuse features, parts and assemblies through symmetry, patterns, copied components, apply proper design intent, design tables and configurations. Learn by doing, not just by reading. Desired outcomes and usage competencies are listed for each chapter. Know your objective up front. Follow the steps in each chapter to achieve your design goals. Work between multiple documents, features, commands, custom properties and document properties that represent how engineers and designers utilize SOLIDWORKS in industry.

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