SolidWorks 2010 Tutorial with Multimedia CD

By David C. Planchard, Marie P. Planchard

SolidWorks 2010 Tutorial with Multimedia CD By David C. Planchard, Marie P. Planchard

SolidWorks 2010 Tutorial with Multimedia CD is written for students and instructors in a technical school, community college, college or university and also designers, engineers, and industry professionals that want to learn how to design with SolidWorks. Developed for the beginner to intermediate SolidWorks user, the book provides you a step-by-step project based approach to learning SolidWorks with 1.5 hours of video instruction and hundreds of SolidWorks models on the enclosed CD.

The Book is divided into two sections. Chapter one through six explore the SolidWorks User Interface and CommandManager, Document and System properties, simple machine parts, simple and complex assemblies, design tables, configurations, multi-sheet, multi-view drawings, BOMs and Revision tables using basic and advanced features.

Follow the step-by-step instructions and develop multiple assemblies that combine over 80 extruded machined parts and components. Formulate the skills to create, modify and edit sketches and solid features. Learn the techniques to reuse features, parts and assemblies through symmetry, patterns, copies components, design tables and configurations. Explore SolidWorks SimulationXpress, an introduction to Finite Element Analysis (FEA), SolidWorks SustainabilityXpress, an introduction to Life Cycle Assessment, and DFMXpress, an introduction to design for manufacturability. Learn by doing, not just reading!

Chapter seven through chapter eleven prepares you for the Certified SolidWorks Associate Exam (CSWA). The CSWA certification indicates a foundation in and apprentice knowledge of 3D CAD and engineering practices and principles. Follow the steps in these chapters to assist you in learning the skills required to pass the CSWA.

Desired outcomes and usage competencies are listed for each project. Know your objectives up front. Follow the step in each project 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.

Table of Contents

Download SolidWorks 2010 Tutorial with Multimedia CD ...pdf

Read Online SolidWorks 2010 Tutorial with Multimedia CD ...pdf

SolidWorks 2010 Tutorial with Multimedia CD

By David C. Planchard, Marie P. Planchard

SolidWorks 2010 Tutorial with Multimedia CD By David C. Planchard, Marie P. Planchard

SolidWorks 2010 Tutorial with Multimedia CD is written for students and instructors in a technical school, community college, college or university and also designers, engineers, and industry professionals that want to learn how to design with SolidWorks. Developed for the beginner to intermediate SolidWorks user, the book provides you a step-by-step project based approach to learning SolidWorks with 1.5 hours of video instruction and hundreds of SolidWorks models on the enclosed CD.

The Book is divided into two sections. Chapter one through six explore the SolidWorks User Interface and CommandManager, Document and System properties, simple machine parts, simple and complex assemblies, design tables, configurations, multi-sheet, multi-view drawings, BOMs and Revision tables using basic and advanced features.

Follow the step-by-step instructions and develop multiple assemblies that combine over 80 extruded machined parts and components. Formulate the skills to create, modify and edit sketches and solid features. Learn the techniques to reuse features, parts and assemblies through symmetry, patterns, copies components, design tables and configurations. Explore SolidWorks SimulationXpress, an introduction to Finite Element Analysis (FEA), SolidWorks SustainabilityXpress, an introduction to Life Cycle Assessment, and DFMXpress, an introduction to design for manufacturability. Learn by doing, not just reading!

Chapter seven through chapter eleven prepares you for the Certified SolidWorks Associate Exam (CSWA). The CSWA certification indicates a foundation in and apprentice knowledge of 3D CAD and engineering practices and principles. Follow the steps in these chapters to assist you in learning the skills required to pass the CSWA.

Desired outcomes and usage competencies are listed for each project. Know your objectives up front. Follow the step in each project 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.

Table of Contents

Index

SolidWorks 2010 Tutorial with Multimedia CD By David C. Planchard, Marie P. Planchard Bibliography

- Rank: #1980581 in Books
- Brand: Brand: Schroff Development Corporation
- Published on: 2010-02-15
- Original language: English
- Number of items: 1
- Dimensions: 10.50" h x 8.25" w x 1.25" l, 3.40 pounds
- Binding: Paperback
- 653 pages

Editorial Review

About the Author
David Planchard is the Founder of D&M Education LLC. Before starting D&M Education, he spent over 27 years in industry and academia holding various engineering, marketing, and teaching positions and degrees. He holds five U.S. patents and one International patent. He has published and authored numerous papers on Machine Design, Product Design, Mechanics of Materials, and Solid Modeling. He is an active member of the SolidWorks Users Group and the American Society of Engineering Education (ASEE). David holds a BSME, MSM with the following Professional Certifications: CCAI, CCNA, CCNP, and CSWA. David is a SolidWorks Solution Partner and an Adjunct Faculty member at Worcester Polytechnic Institute in the Mechanical Engineering department.

Marie Planchard is the Director of World Education Markets at SolidWorks Corporation. Before she joined SolidWorks, Marie spent over 10 years as an engineering professor at Mass Bay College in Wellesley Hills, MA. She has 14 plus years of industry software experience and held a variety of management and engineering positions. Marie holds a BSME, MSME and a Certified SolidWorks Professional (CSWP) Certification. She is an active member of the American Society of Mechanical Engineers (ASME) and the American Society for Engineering Education (ASEE).

David and Marie Planchard are co-authors of the following books:

- A Commands Guide for SolidWorks 2010, 2009, 2008, and 2007
- Assembly Modeling with SolidWorks 2010, 2008, 2006, 2005-2004, 2003 and 2001Plus
- Drawing and Detailing with SolidWorks 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002 and 2001/2001Plus
- Engineering Design with SolidWorks with Multimedia CD 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2001Plus, 2001 and 1999
- Engineering Graphics with SolidWorks 2010 with Multimedia CD
- SolidWorks: The Basics with Multimedia CD 2009, 2008, 2007, 2006, 2005, 2004 and 2003
- SolidWorks Tutorial with Multimedia CD 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003 and 2001/2001Plus
- The Fundamentals of SolidWorks: Featuring the VEXplorer robot, 2008 and 2007
- Official Certified SolidWorks Associate Examination Guide, Version 2, Version 1
- Applications in Sheet Metal Using Pro/SHEETMETAL & Pro/ENGINEER

Users Review

From reader reviews:

David Betancourt:

With other case, little individuals like to read book SolidWorks 2010 Tutorial with Multimedia CD. You can choose the best book if you appreciate reading a book. Provided that we know about how is important some sort of book SolidWorks 2010 Tutorial with Multimedia CD. You can add knowledge and of course you can around the world by the book. Absolutely right, due to the fact from book you can realize everything! From your country until eventually foreign or abroad you may be known. About simple thing until wonderful thing

it is possible to know that. In this era, we can easily open a book or even searching by internet gadget. It is called e-book. You need to use it when you feel weary to go to the library. Let's learn.

Muriel Colvard:

On this era which is the greater man or who has ability to do something more are more valuable than other. Do you want to become one among it? It is just simple approach to have that. What you need to do is just spending your time not much but quite enough to experience a look at some books. One of many books in the top collection in your reading list is SolidWorks 2010 Tutorial with Multimedia CD. This book that is qualified as The Hungry Hillsides can get you closer in getting precious person. By looking up and review this guide you can get many advantages.

Debra Capone:

A lot of book has printed but it differs from the others. You can get it by world wide web on social media. You can choose the most beneficial book for you, science, comedian, novel, or whatever by means of searching from it. It is referred to as of book SolidWorks 2010 Tutorial with Multimedia CD. You can include your knowledge by it. Without making the printed book, it can add your knowledge and make anyone happier to read. It is most critical that, you must aware about guide. It can bring you from one destination for a other place.

Thomas Ellis:

What is your hobby? Have you heard in which question when you got students? We believe that that problem was given by teacher to their students. Many kinds of hobby, Everybody has different hobby. And you also know that little person like reading or as studying become their hobby. You need to know that reading is very important as well as book as to be the point. Book is important thing to add you knowledge, except your personal teacher or lecturer. You see good news or update with regards to something by book. Amount types of books that can you decide to try be your object. One of them is actually SolidWorks 2010 Tutorial with Multimedia CD.

Download and Read Online SolidWorks 2010 Tutorial with Multimedia CD By David C. Planchard, Marie P. Planchard #Q3HXY7J0DOA

Read SolidWorks 2010 Tutorial with Multimedia CD By David C. Planchard, Marie P. Planchard for online ebook

SolidWorks 2010 Tutorial with Multimedia CD By David C. Planchard, Marie P. Planchard Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read SolidWorks 2010 Tutorial with Multimedia CD By David C. Planchard, Marie P. Planchard books to read online.

Online SolidWorks 2010 Tutorial with Multimedia CD By David C. Planchard, Marie P. Planchard ebook PDF download

SolidWorks 2010 Tutorial with Multimedia CD By David C. Planchard, Marie P. Planchard Doc

SolidWorks 2010 Tutorial with Multimedia CD By David C. Planchard, Marie P. Planchard Mobipocket

SolidWorks 2010 Tutorial with Multimedia CD By David C. Planchard, Marie P. Planchard EPub

Q3HXY7J0DOA: SolidWorks 2010 Tutorial with Multimedia CD By David C. Planchard, Marie P. Planchard