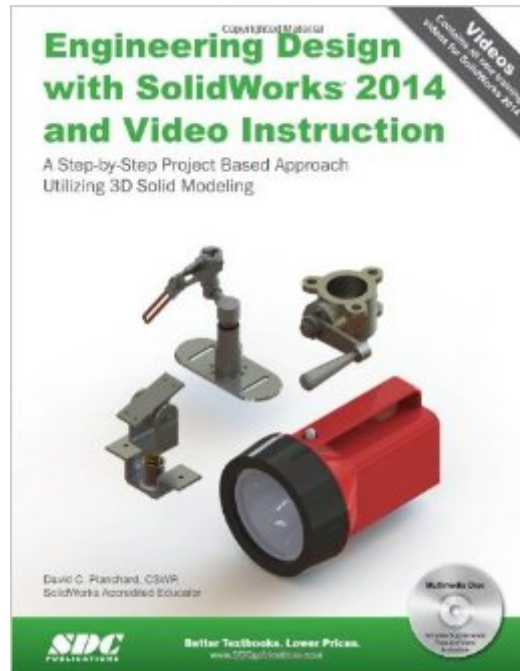


The book was found

Engineering Design With SolidWorks 2014 And Video Instruction



Synopsis

Engineering Design with SolidWorks 2014 and video instruction is written to assist students, designers, engineers and professionals. The book provides a solid foundation in SolidWorks by utilizing projects with step-by-step instructions for the beginner to intermediate SolidWorks user. Explore the user interface, CommandManager, menus, toolbars and modeling techniques to create parts, assemblies and drawings in an engineering environment. Follow the step-by-step instructions and develop multiple parts and assemblies that combine machined, plastic and sheet metal 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, copied components, design tables, Bills of Materials, Custom Properties and Configurations. Address various SolidWorks analysis tools: SimulationXpress, Sustainability/SustainabilityXpress and DFMXpress and Intelligent Modeling techniques. Learn by doing, not just by reading. Desired outcomes and usage competencies are listed for each project. Know your objective up front. Follow the steps in Project 1 - 8 to achieve the design goals. Work between multiple documents, features, commands and custom properties that represent how engineers and designers utilize SolidWorks in industry. Review individual features, commands and tools with the Video Instruction. The projects contain exercises. The exercises analyze and examine usage competencies. Collaborate with leading industry suppliers such as SMC Corporation of America, Boston Gear and 80/20 Inc. Collaborative information translates into numerous formats such as paper drawings, electronic files, rendered images and animations. On-line intelligent catalogs guide designers to the product that meets both their geometric requirements and performance functionality. The author developed the industry scenarios by combining his own industry experience with the knowledge of engineers, department managers, vendors and manufacturers. These professionals are directly involved with SolidWorks every day. Their responsibilities go far beyond the creation of just a 3D model. The book is design to compliment the SolidWorks Tutorials contained in SolidWorks 2014.

Table of Contents
Introduction
Fundamentals of Part Modeling
Fundamentals of Assembly Modeling
Fundamentals of Drawing
Extrude and Revolve Features
Swept, Lofted and Additional Features
Top Down Assembly Modeling and Sheet Metal
SimulationXpress, Sustainability and DFMXpress
Intelligent Modeling Techniques
Appendix
Index

Book Information

Paperback: 776 pages

Publisher: SDC Publications; Pap/Cdr edition (January 27, 2014)

Language: English

ISBN-10: 1585038482

ISBN-13: 978-1585038480

Product Dimensions: 1.2 x 8.2 x 10.8 inches

Shipping Weight: 3.4 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars Â Â See all reviews Â (6 customer reviews)

Best Sellers Rank: #570,561 in Books (See Top 100 in Books) #60 in Â Books > Computers & Technology > Graphics & Design > CAD > Solidworks #643 in Â Books > Computers & Technology > Graphics & Design > Computer Modelling #898 in Â Books > Arts & Photography > Architecture > Drafting & Presentation

Customer Reviews

While being very informative, it can prove to be hard to follow and overwhelming in the beginning for someone new to SolidWorks. The layout of the planning and varied ways of execution can get a little confusing. On the other hand it really opens your mind to thinking about the different ways to approach tasks and allows you to plan for how the part will be used. All in all I think it is a very good learning tool for someone wanting to understand SolidWorks.

Great buy. Came as advertised in a timely manner

A very helpful reference for someone getting a start in Solidworks.

[Download to continue reading...](#)

Engineering Design with SolidWorks 2014 and Video Instruction Official Certified SolidWorks Professional (CSWP) Certification Guide with Video Instruction: SolidWorks 2012-2014 Engineering Graphics with SolidWorks 2014 and Video Instruction Engineering Design with SOLIDWORKS 2016 and Video Instruction Engineering Graphics with SOLIDWORKS 2016 and Video Instruction Engineering Graphics with SolidWorks 2015 and Video Instruction SOLIDWORKS 2016 Tutorial with Video Instruction SOLIDWORKS 2016 in 5 Hours with Video Instruction SolidWorks 2015 Tutorial with Video Instruction SolidWorks 2013 Tutorial with Video Instruction Official Guide to Certified SolidWorks Associate Exams - CSWA, CSDA, CSWSA-FEA (SolidWorks 2015, 2014, 2013, and 2012) SolidWorks 2014 and Engineering Graphics: An Integrated Approach Engineering & Computer Graphics Workbook Using SolidWorks 2014 Engineering Analysis with SolidWorks Simulation 2014 Genetic Algorithms and Engineering Design (Engineering Design and Automation)

Official Guide to Certified SolidWorks Associate Exams - CSWA, CSDA, CSWSA-FEA (SolidWorks 2012 - 2013) Certified SOLIDWORKS Expert Preparation Materials SOLIDWORKS 2016 CSWE - Certified SolidWorks Expert Preparation Materials SolidWorks 2010 - 2015 Engineering Design with SolidWorks 2013 Drawing Basics and Video Game Art: Classic to Cutting-Edge Art Techniques for Winning Video Game Design

[Dmca](#)