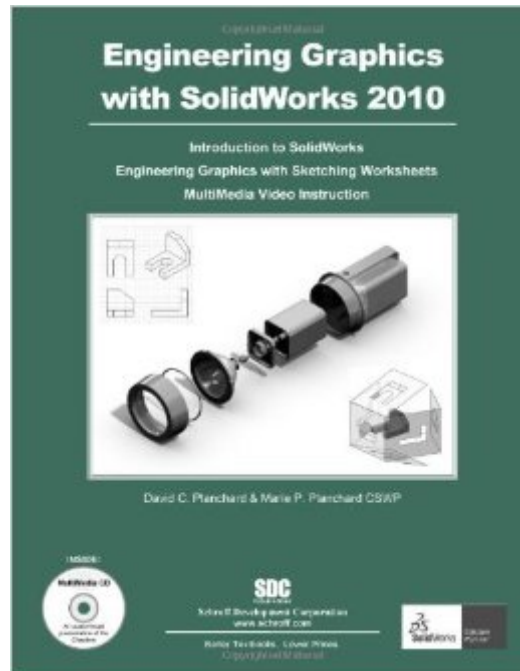


The book was found

Engineering Graphics With SolidWorks 2010 And Multimedia CD



Synopsis

Engineering Graphics with SolidWorks 2010 is written to assist a technical school, two year college, four year university instructor/student or industrial professional that is a beginner or intermediate SolidWorks user. The book combines the fundamentals of engineering graphics and dimensioning practices with a step-by-step project based approach to learning SolidWorks with an enclosed 1.5 hour multimedia CD. Learn by doing, not just reading! The book is divided into two parts:

Engineering Graphics and SolidWorks 3D CAD Software. In chapter 1 through chapter 3, you explore the history of engineering graphics, manual sketching techniques, orthographic projection, isometric projection, multi-view drawings, dimensioning practices and the history of CAD leading to the development of SolidWorks. In chapter 4 through chapter 8, you apply engineering graphics fundamentals and learn the SolidWorks User Interface, Document and System properties, simple parts, simple and complex assemblies, design tables, configurations, multi-sheet, multi-view drawings, Bill of Materials, Revision tables, basic and advanced features. Follow the step-by-step instructions in over 70 activities to develop eight parts, four sub-assemblies, three drawings, and six document properties. Formulate the skills to create and modify solid features to model a 3D FLASHLIGHT assembly. Chapter 9 provides a bonus section on the Certified SolidWorks Associate CSWA program with sample exam questions and initial and final SolidWorks Models. Passing the CSWA exam proves to employers that you have the necessary fundamental engineering graphics and SolidWorks competencies. Review individual features, commands, and tools for each project with the book's 1.5 hour multimedia CD and SolidWorks Help. The project exercises analyze and examine usage competencies based on the project objectives. The book is designed to compliment the SolidWorks Tutorials located in the SolidWorks Help menu. Each section explores the SolidWorks Online User's Guide to build you working knowledge of SolidWorks. Desired outcomes and usage competencies are listed for each project. Know your objectives up front. Follow the step-by-step procedures to achieve your design goals. work between multiple documents, features, commands, and properties that represent how engineers and designers utilize SolidWorks in industry. The authors developed the industry scenarios by combining their 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.

Table of Contents

Introduction

2. History of Engineering Graphics

3. Isometric Projection and Multi View Drawings

4. Dimensioning Practices

5. Introduction to SolidWorks Part Modeling

6. Revolved Features

7. Sweep, Loft and Additional Features

8. Assembly Modeling

9. Fundamentals of Drawing

10. Introduction to the Certified SolidWorks

Book Information

Perfect Paperback: 468 pages

Publisher: Schroff Development Corporation; Pap/Cdr edition (February 22, 2010)

Language: English

ISBN-10: 158503567X

ISBN-13: 978-1585035670

Product Dimensions: 1 x 8.5 x 10.8 inches

Shipping Weight: 2.5 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 starsÂ Â See all reviewsÂ (4 customer reviews)

Best Sellers Rank: #1,005,191 in Books (See Top 100 in Books) #93 inÂ Books > Computers &

Technology > Graphics & Design > CAD > Solidworks #1136 inÂ Books > Computers &

Technology > Graphics & Design > Computer Modelling #1541 inÂ Books > Arts & Photography >

Architecture > Drafting & Presentation

Customer Reviews

Great book and shipping from , just a word of advice, some copies dont come with Solidworks Card with info for downloading 150 day student trial kit, a must if your instructor doesnt have the \$\$\$\$ software for you, just go to the SW website and download it with a student email .edu ending.

The book covers a main ideas of the programming tool. This is not the newest edition, but the book can serve as a good start point to the understanding of the SolidWorks.

If you are a beginner for any-edition Solidwork, please not buying this book until you are familiar through your graph class or youtube video. Beacause this book, following its steps to graph in Solidwork you will never be able to finish, alot setup they hide in the "Tips" of the end of each section. IF you are learning SW by yourself, please get away from this book.

Very good product good for beginners and as a tool for independent study of the software. Would recommend to anyone.

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

Engineering Graphics with SolidWorks 2010 and Multimedia CD CSWE - Certified SolidWorks
Expert Preparation Materials SolidWorks 2010 - 2015 SOLIDWORKS 2016 and Engineering

Graphics: An Integrated Approach Engineering Graphics with SOLIDWORKS 2016 and Video Instruction SOLIDWORKS 2015 and Engineering Graphics: An Integrated Approach SolidWorks 2014 and Engineering Graphics: An Integrated Approach Engineering Graphics with SolidWorks 2015 and Video Instruction Engineering Graphics with SolidWorks 2014 and Video Instruction Engineering & Computer Graphics Workbook Using SolidWorks 2014 Engineering & Computer Graphics Workbook Using SOLIDWORKS 2015 Engineering & Computer Graphics Workbook Using SolidWorks 2012 Engineering & Computer Graphics Workbook Using SOLIDWORKS 2016 Beginning SharePoint 2010 Administration: Microsoft SharePoint Foundation 2010 and Microsoft SharePoint Server 2010 Official Guide to Certified SolidWorks Associate Exams - CSWA, CSDA, CSWSA-FEA (SolidWorks 2015, 2014, 2013, and 2012) Official Certified SolidWorks Professional (CSWP) Certification Guide with Video Instruction: SolidWorks 2012-2014 Official Guide to Certified SolidWorks Associate Exams - CSWA, CSDA, CSWSA-FEA (SolidWorks 2012 - 2013) Certified SOLIDWORKS Expert Preparation Materials SOLIDWORKS 2016 The Art and Science of Digital Compositing, Second Edition: Techniques for Visual Effects, Animation and Motion Graphics (The Morgan Kaufmann Series in Computer Graphics) Mobile 3D Graphics: with OpenGL ES and M3G (The Morgan Kaufmann Series in Computer Graphics) Advanced Graphics Programming Using OpenGL (The Morgan Kaufmann Series in Computer Graphics)

[Dmca](#)