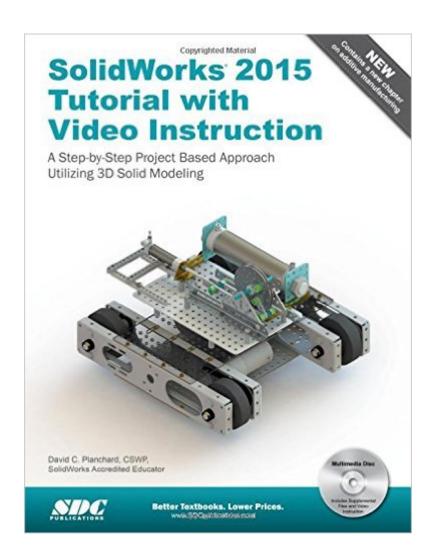
## The book was found

# SolidWorks 2015 Tutorial With Video Instruction





## Synopsis

SolidWorks 2015 Tutorial with video instruction is target towards a technical school, two year college, four year university or industry professional that is a beginner or intermediate CAD user. The text provides a student who is looking for a step-by-step project based approach to learning SolidWorks with video instruction, SolidWorks model files, and preparation for the Certified Associate - Mechanical Design (CSWA) exam. The book is divided into three sections. Chapters 1 -6 explore the SolidWorks User Interface and CommandManager, Document and System properties, simple machine parts, simple and complex assemblies, proper design intent, design tables, configurations, multi-sheet, multi-view drawings, BOMs, Revision tables using basic and advanced features. 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. Review Chapter 11 on Additive Manufacturing (3D printing) and its benefits and features. Understand 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 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. Table of Contents Introduction 1. Overview of SolidWorks and the User Interface 2. Parts and Assembly Creation 3. Front Support Assembly 4. Fundamentals of Drawing 5. Advanced Features 6. Pneumatic Test Module and Final Robot Assembly 7. Introduction to the Certified Associate - Mechanical Design (CSWA) Exam and Drafting Competencies 8. CSWA Basic & Intermediate Part Creation and Modification 9. CSWA Advanced Part Creation and Modification 10. CSWA - Assembly Creation and Modification 11. Additive Manufacturing - 3D Printing Appendix Glossary Index

### Book Information

Perfect Paperback: 624 pages

Publisher: SDC Publications; Pap/Dvdr edition (December 15, 2014)

Language: English

ISBN-10: 1585039241

ISBN-13: 978-1585039241

Product Dimensions: 1 x 8.5 x 11.2 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars Â See all reviews (1 customer review)

Best Sellers Rank: #418,808 in Books (See Top 100 in Books) #40 in Books > Computers &

Technology > Graphics & Design > CAD > Solidworks #443 in Books > Computers & Technology

> Graphics & Design > Computer Modelling #666 in Books > Arts & Photography > Architecture >

**Drafting & Presentation** 

#### Customer Reviews

Great for getting more comfortable with basic skills and then taking them to the next level.

#### Download to continue reading...

SolidWorks 2015 Tutorial with Video Instruction SOLIDWORKS 2016 Tutorial with Video Instruction SolidWorks 2013 Tutorial with Video Instruction Official Certified SolidWorks Professional (CSWP) Certification Guide with Video Instruction: SolidWorks 2012-2014 Engineering Graphics with SolidWorks 2015 and Video Instruction Engineering Design with SOLIDWORKS 2016 and Video Instruction Engineering Graphics with SOLIDWORKS 2016 and Video Instruction Engineering Design with SolidWorks 2014 and Video Instruction SOLIDWORKS 2016 in 5 Hours with Video Instruction Engineering Graphics with SolidWorks 2014 and Video Instruction Official Guide to Certified SolidWorks Associate Exams - CSWA, CSDA, CSWSA-FEA (SolidWorks 2015, 2014, 2013, and 2012) CSWE - Certified SolidWorks Expert Preparation Materials SolidWorks 2010 -2015 Servlet, JSP and Spring MVC: A Tutorial (A Tutorial series) Servlet & JSP: A Tutorial (A Tutorial series) SolidWorks 2014: A Tutorial Approach Official Guide to Certified SolidWorks Associate Exams - CSWA, CSDA, CSWSA-FEA (SolidWorks 2012 - 2013) Certified SOLIDWORKS Expert Preparation Materials SOLIDWORKS 2016 Learn ASP.NET 4.5, C# and Visual Studio 2012 Expert Skills with The Smart Method: Courseware tutorial for self-instruction to expert level Learn Excel 2016 Essential Skills with The Smart Method: Courseware tutorial for self-instruction to beginner and intermediate level Ultimate Wrap Bracelets Kit: Instructions to Make 12 Easy, Stylish Bracelets (Includes 600 Beads, 48pp Book; Closures & Charms, Cords & Video Tutorial)

**Dmca**