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# SolidWorks 2013 Tutorial With Video Instruction



## Synopsis

SolidWorks 2013 Tutorial with Video Instruction is targeted 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 an enclosed 1.5 hour video instruction DVD, SolidWorks model files, and preparation for the CSWA exam. The book is divided into two sections. Chapters 1 - 7 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, Revision tables using basic and advanced features along with Intelligent Modeling Techniques, SustainabilityXpress, SimulationXpress and DFMXpress. Chapters 8 - 11 prepare you for the new 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 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, 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 1. Introduction 2. Linkage Assembly 3. Front Support Assembly 4. Fundamentals of Drawing 5. Advanced Features 6. Pneumatic Test Module and Robot Assembly 7. SimulationXpress, Sustainability, DFMXpress 8. Intelligent Modeling Techniques Certified SolidWorks Associate Examination Study Material: 9. CSWA Introduction and Drafting Competencies 10. Basic & Intermediate Part Creation and Modification 11. Advanced Part Creation and Modification 12. CSWA - Assembly Creation and Modification Appendix Index

## Book Information

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## Customer Reviews

It's hard to give a very positive review about a textbook because generally you don't have a choice but I'm very glad I had to buy this book for class. I would recommend it to anyone who wants to learn solidworks. Through classes I have used many different books that teach you how to use solidworks but this is by far the clearest.

This is a great hands-on step by step tutorial with Video instruction to learn and teach SolidWorks. The book is loaded with problems and best practices focus on teaching and applying proper design intent while utilizing SolidWorks. I'm presently using it in a training class as an instructor. The book covers parts, assemblies and drawings in detail along with intelligent modeling techniques, SimulationXpress, and Sustainability. During the tutorials, the author points out and utilizes key commands and concepts. The Video Instruction on the included CD is great all by itself. A great complement to the book.

Very helpful for beginner SolidWorks user (used for a design class). Learned much quicker than I would have by trying to teach myself. The disk was unfortunately missing some of the files that our professor assigned, so he had to switch the assignment. Overall the video disk was much less helpful than the text itself.

I am pleased with this tutorial. It is a bit redundant, and simplistic; but, it is for the novice. For my tastes, it could go into a bit more explanation of the technical terms.

This product works as described and works very well for what I need.... the dvd has every thing you need to get started.

I found this book to be very helpful but unfortunately I decided that this was not for me. I found it very interesting but nothing I wanted to make a career out of. Would be willing to sell the book if someone were interested.

Perfect! Book and CD were in really good condition and at a fraction of the price for new.

Sadly, the very book you need to learn the program does not follow the proper procedures to obtain the results needed to complete the drawings. It leaves out critical commands from the process, frequently. The index refers you to pages that have nothing to do with the item you were looking for, again, frequently. POORLY Written, Poorly published. Not worth purchasing, as it does not prepare you for the Apprenticeship Test as it claims. If it was well written, and the commands well referenced, I would give it 5 stars.

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