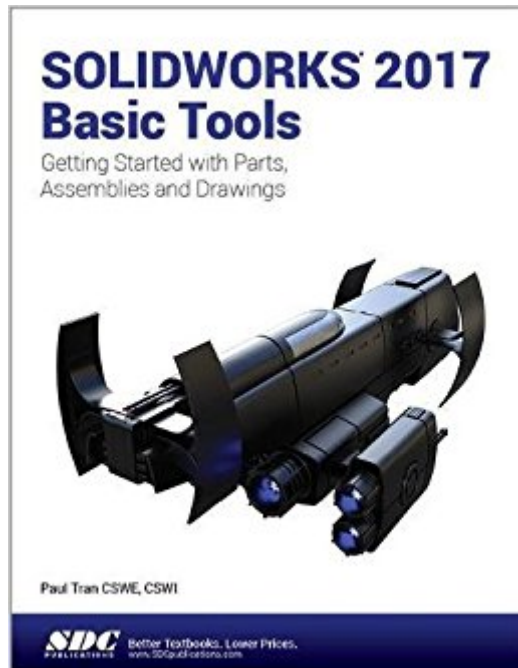




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# SOLIDWORKS 2017 Basic Tools



## Synopsis

SOLIDWORKS 2017 Basic Tools is the first book in a three part series. It introduces new users to the SOLIDWORKS interface, SOLIDWORKS tools and basic modeling techniques. It provides you with a strong understanding of SOLIDWORKS and covers the creation of parts, assemblies and drawings. Every lesson and exercise in this book was created based on real world projects. Each of these projects have been broken down and developed into easy and comprehensible steps.

Furthermore, at the end of every chapter there are self test questionnaires to ensure that you have gained sufficient knowledge from each section before moving on to more advanced lessons. This book takes the approach that in order to understand SOLIDWORKS, inside and out, you should create everything from the beginning and take it step by step. Table of Contents Introduction:

SOLIDWORKS 2017 User Interface 1. System Options 2. Document Templates 3. Basic Solid Modeling - Extrude Options 4. Basic Solid Modeling - Extrude & Revolve 5. Revolved Parts - Ball Joint Arm Derived Sketches - Center Ball Joint 6. Rib & Shell Features - Formed Tray Shell & Mirror Features 7. Linear Patterns - Test Tray Circular Patterns - Spur Gear Circular Patterns - Circular Base Mount Curve Driven Patterns & Hole Wizard 8. Part Configuration - Machined Block 9. Modeling Threads - Threaded Insert 10. Bottom Up Assembly - Ball Joint Assembly Bottom Up Assembly - Links Assembly 11. Using Advanced Mates Limit Mates and Cam Mates L1 Final Exam 12. Layout Assembly SOLIDWORKS Animator - The Basics 13. PhotoView360 Basics 14. Drawing Preparations 15. Assembly Drawings - Links Assembly Assembly Drawing - Alternate Position View 16. Drawing Views - Machined Block 17. Detailing - Machined Block Details 18. Sheet Metal Drawings - Post Cap 19. Configurations Part I - Button Assembly Configurations Part II - Assembly & Drawing 20. Part Design Tables Assembly - Design Tables Level 2 Final Exams CSWA Core Preparation Practice Glossary Index SOLIDWORKS 2017 Quick-Guides

## Book Information

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## Customer Reviews

Personally, I have hated this book. I find it to be far from satisfactory in its instructions. If I could easily move through the steps as provided ('do this', not how to do 'this') I could have saved myself the \$60. Instructional YouTube videos were far more beneficial, and free. There is very little in the way of tutorial information provided in this textbook. It is almost exclusively a workbook of assignments to be performed without the tools to perform them ever having been introduced previously.

As an engineering student who is trying to learn to use solidworks I found this book very helpful. The book guides readers through component designing, that slowly forces you to learn the basics, as well as introducing you to more advanced techniques. I would highly recommend to anyone looking to learn solidworks.

Very easy to follow tutorials for all the basics tools you will need to get started with Solidworks.

It's Ok.

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