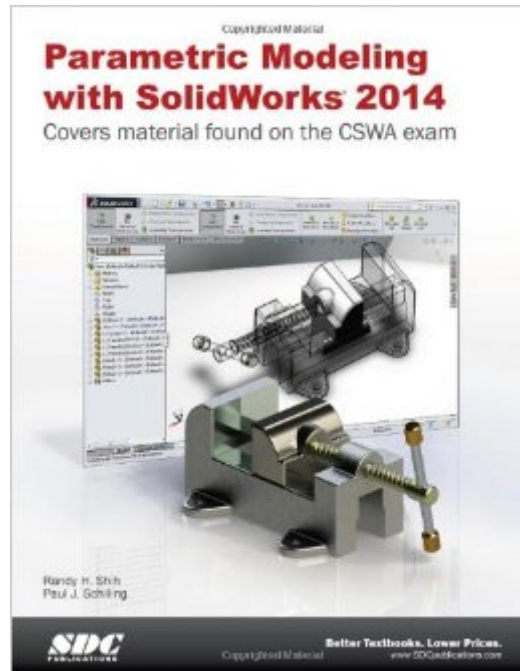


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# Parametric Modeling With SolidWorks 2014



## Synopsis

Parametric Modeling with SolidWorks 2014 contains a series of sixteen tutorial style lessons designed to introduce SolidWorks 2014, solid modeling and parametric modeling techniques and concepts. This book introduces SolidWorks 2014 on a step-by-step basis, starting with constructing basic shapes, all the way through to the creation of assembly drawings and motion analysis. This book takes a hands-on, exercise-intensive approach to all the important Parametric Modeling techniques and concepts. Each lesson introduces a new set of commands and concepts, building on previous lessons. The lessons guide the user from constructing basic shapes to building intelligent solid models, assemblies and creating multi-view drawings. This book also covers some of the more advanced features of SolidWorks 2014 including how to use the SolidWorks Design Library, basic motion analysis, collision detection and analysis with SimulationXpress. The exercises in this book cover the performance tasks that are included on the Certified SolidWorks Associate (CSWA) Examination. Reference guides located at the front of the book and in each chapter show where these performance tasks are covered.

Table of Contents Certified SolidWorks Associate (CSWA) Exam Overview 1. Getting started 2. Parametric Modeling Fundamentals 3. Constructive Solid Geometry Concepts 4. Feature Design Tree 5. Geometric Relations Fundamentals 6. Geometric Construction Tools 7. Parent Child Relationships and the BORN Technique 8. Part Drawings and Associative Functionality 9. Reference Geometry and Auxiliary Views 10. Symmetrical Features in Designs 11. Advanced 3D Construction Tools 12. Sheet Metal Designs 13. Assembly Modeling - Putting it all Together 14. Design Library and Basic Motion Study 15. Design Analysis with SimulationXpress 16. CSWA Exam Preparation Index

## Book Information

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## Customer Reviews

This is a must have book for anyone beginning to learn SolidWorks. The lessons in each chapter are very detailed and straight forward, however, when it comes to the exercises, they are way too difficult for what has been taught in each chapter. The book needs to provide more examples that will help it's readers in completing the exercises. With that being said, I think the book is easy to understand, and if you watch tutorials on Youtube in conjunction with reading the book, you will have enough information to be able to complete the exercises.

Needed this book for class, So much more affordable from than my college. It has also been quite helpful for reference during class. I dont have a lot of experience with text books on solidworks, however this one sure is not bad if you are looking for one!

The book is awesome. The instruction is clear. The quality on some of the dimension exercises need to be more clearly printed; this is the only draw-back. overall, the book will teach you solidworks.

I got this for a class I was taking. Seller shipped quickly, and for a fair price. Thanks!

Great book and easy-to-follow tutorials for getting started in SolidWorks.

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