



Engineering Design and Graphics with SolidWorks

By James D. Bethune

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Engineering Design and Graphics with SolidWorks shows students how to use SolidWorks to create engineering drawings and designs. The book focuses on the creation of engineering drawings, including dimensions and tolerances and the use of standard parts and tools. Each chapter contains step-by-step sample problems that show students how to apply the concepts presented in the chapter. This book teaches users how to:

- Set up drawings and use the SolidWorks Sketch tools to create 2D drawings that can be extruded into solid 3D models.
- Use the Feature tools to create and modify 3D solid models.
- Create views using third-angle projection.
- Fashion assembly drawings using the Mate tool.
- Produce and design with threads and fasteners (both ANSI inch and ANSI metric threads are covered).
- Use the Design Library to create bearing drawings.
- Draw cams and springs, add hubs and keyways to cams, and insert the cams into assembly drawings.

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Editorial Review

From the Back Cover

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About the Author

Bethune is affiliated with Boston University.

Users Review

From reader reviews:

Armando Ceballos:

This Engineering Design and Graphics with SolidWorks book is just not ordinary book, you have after that it the world is in your hands. The benefit you receive by reading this book will be information inside this book incredible fresh, you will get data which is getting deeper an individual read a lot of information you will get. This kind of Engineering Design and Graphics with SolidWorks without we know teach the one who reading through it become critical in pondering and analyzing. Don't possibly be worry Engineering Design and Graphics with SolidWorks can bring whenever you are and not make your case space or bookshelves' turn into full because you can have it with your lovely laptop even telephone. This Engineering Design and Graphics with SolidWorks having very good arrangement in word along with layout, so you will not experience uninterested in reading.

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David Trudeau:

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