



Engineering Design and Graphics with SolidWorks 2016

By James D. Bethune

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Engineering Design and Graphics with SolidWorks 2016 shows students how to use SolidWorks to create engineering drawings and designs. The textbook has been updated to cover the new features in SolidWorks 2016. It 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.

Effective pedagogy throughout the text helps students learn and retain concepts:

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- **Meets standards:** The text teaches ANSI standards for dimensions and tolerances. This helps students understand how their designs are defined for production and the importance of proper tolerancing.
- **Step-by-step approach:** In presenting the fundamentals of engineering drawing using SolidWorks, the text uses a step-by-step approach that allows students to work and learn at their own pace.

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Editorial Review

About the Author

James (Jim) Bethune taught drafting and Computer Aided-Design (CAD) for 39 years, twice winning the Outstanding Professor of the year award. He has a doctor's degree in education from Boston University and has written more than books on drafting and CAD. While retired from full-time teaching, Jim continues to write textbooks on CAD. An avid golfer, Jim lives in East Greenwich, Rhode Island.

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