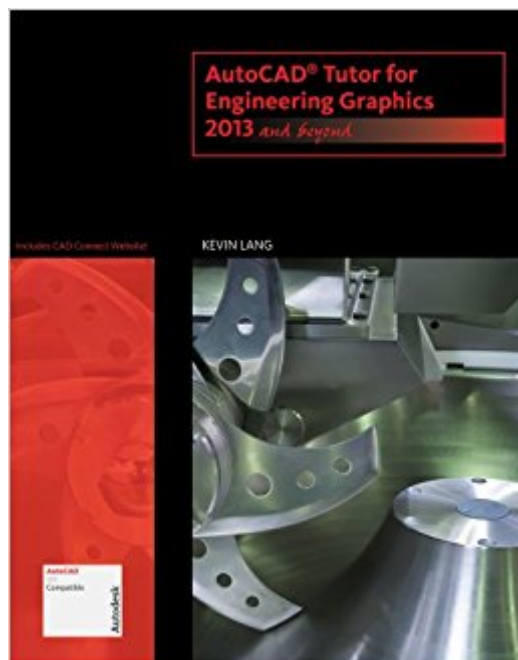




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# AutoCAD Tutor For Engineering Graphics: 2013 And Beyond (with CAD Connect Web Site Printed Access Card) (Autodesk 2013 Now Available!)



## Synopsis

AUTOCAD TUTOR FOR ENGINEERING GRAPHICS: 2013 AND BEYOND is a thorough, practical guide featuring self-paced tutorials and a step-by-step approach to help you use and customize AutoCAD to achieve professional results. Tutorials follow traditional engineering drawing techniques and methods while guiding you from simple one-view engineering drawings to geometric constructions, multiview projections, section and auxiliary views, 3D solid modeling, and photorealistic rendering. This proven guide emphasizes skill development to enable you to confidently translate layouts, specifications, and calculations from engineers and architects into detailed drawings, maps, plans, and other documents necessary to create products. Detailed coverage of AutoCAD features and capabilities, along with a strong emphasis on mechanical exercises and practical engineering applications, make this trusted resource an ideal reference for both individual learning and professional use. In addition, extensive online material offers additional information and tools, including detailed updates provided regularly between major new releases of the AutoCAD software.

## Book Information

Series: Autodesk 2013 Now Available!

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Average Customer Review: 4.3 out of 5 stars 13 customer reviews

Best Sellers Rank: #298,958 in Books (See Top 100 in Books) #117 in [Books > Engineering & Transportation > Engineering > Mechanical > Drafting & Mechanical Drawing](#) #206 in [Books > Textbooks > Engineering > Industrial Engineering](#) #237 in [Books > Computers & Technology > Graphics & Design > CAD](#)

## Customer Reviews

1. Getting Started with AutoCAD. 2. Drawing Setup and Organization. 3. AutoCAD Display and Basic Selection Operations. 4. Modifying Your Drawing. 5. Performing Geometric Constructions. 6. Working with Text, Fields, and Tables. 7. Object Grips and Changing the Properties of Objects. 8.

Multiview and Auxiliary View Projections. 9. Creating Section Views. 10. Adding Dimensions to Your Drawing. 11. Managing Dimension Styles. 12. Analyzing 2D Drawings. 13. Creating Parametric Drawings. 14. Working with Drawing Layouts. 15. Plotting Your Drawings. 16. Working with Blocks. 17. Working with Attributes. 18. Working with File References. 19. Advanced Layout Techniques. 20. Solid Modeling Fundamentals. 21. Concept Modeling and Editing Solids, and Surface Modeling. 22. Creating 2D Drawings from a 3D Model. 23. Producing Renderings and Motion Studies.

Kevin J. Lang is the program coordinator for engineering design graphics at Trident Technical College in Charleston, South Carolina. He has a B.S. in Mechanical Engineering from the University of South Carolina and more than 30 years experience in the engineering field, including 15 years teaching CAD related subjects at the college level.

This is a good tutorial book for learning AutoCAD basics. The step-by-step instructions can be easy to follow, but some drawings are missing dimensions, you can, however, use other points to find some of them. On the more complicated parts, some of the instructions are also unclear, but with a little trial and error this helps you learn different techniques to get the geometry done. Over-all, it is a good starter book.

Great book for self study. This book provides good hands on examples and drawings for you draw at the end of each chapter. I bought this as a supplement to the book that was required for the CAD class that I am taking - Harnessing AutoCAD 2013 and beyond. That book does not have any drawing for you to practice or examples for you to follow.

Excellent book, it was chosen by my professor. Very informative and easy to follow.

Needed it for my class and it was exactly the same book that was selling at my college too.

Good for use as a Volume 2 to AutoCAD: A Problem-Solving Approach: 2013 by Sham Tickoo. Working both of these books cover to cover will make you practically a grand guru of Autocad 2013.

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great product and fast shipment too!!!

It is an excellent book. I can learn step by step all about this software. It is very easy to read and comprehensive. I recommend this book.

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