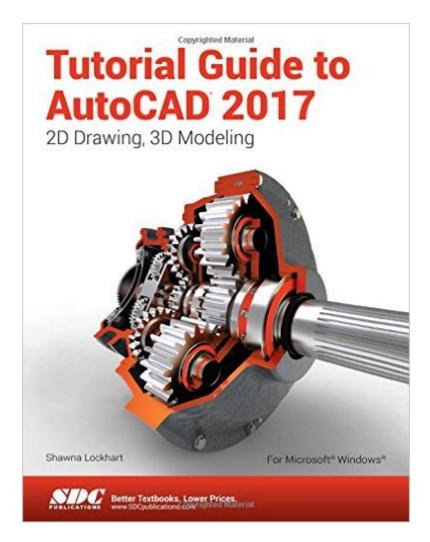
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# **Tutorial Guide To AutoCAD 2017**





## Synopsis

Tutorial Guide to AutoCAD 2017 provides a step-by-step introduction to AutoCAD with commands presented in the context of each tutorial. In fifteen clear and comprehensive chapters, author Shawna Lockhart guides readers through all the important commands and techniques in AutoCAD 2017, from 2D drawing to solid modeling and finally finishing with rendering. In each lesson, the author provides step-by-step instructions with frequent illustrations showing exactly what appears on the AutoCAD screen. Later, individual steps are no longer provided, and readers are asked to apply what they've learned by completing sequences on their own. A carefully developed pedagogy reinforces this cumulative-learning approach and supports readers in becoming skilled AutoCAD users. Tutorial Guide to AutoCAD 2017 begins with three Getting Started chapters that include information to get readers of all levels prepared for the tutorials. The author includes tips that offer suggestions and warnings as you progress through the tutorials. Key Terms and Key Commands are listed at the end of each chapter to recap important topics and commands learned in each tutorial. Also, a glossary of terms and Commands Summary list the key commands used in the tutorials. Each chapter concludes with end of chapter problems providing challenges to a range of abilities in mechanical, electrical, and civil engineering as well as architectural problems. Table of Contents Getting Started: Preparing for the Tutorials Getting Started: AutoCAD Basics Getting Started: Studying for the AutoCAD Certification Exam 1. Introduction to the AutoCAD Software 2. Basic Construction Techniques 3. Basic Editing and Plotting Techniques 4. Geometric Constructions 5. Template Drawings and More Plotting 6. 2D Orthographic Drawings 7. Dimensioning 8. Advanced Dimensioning 9. Section and Auxiliary Views 10. Blocks, DesignCenter, and Tool Palettes 11. Introduction to Solid & Surface Modeling 12. Changing and Plotting Solid Models 13. Creating Assembly Drawings from Solid Models 14. Solid Modeling for Section and Auxiliary Views 15. Rendering Glossary Appendix A: AutoCAD Command Summary Index

## **Book Information**

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