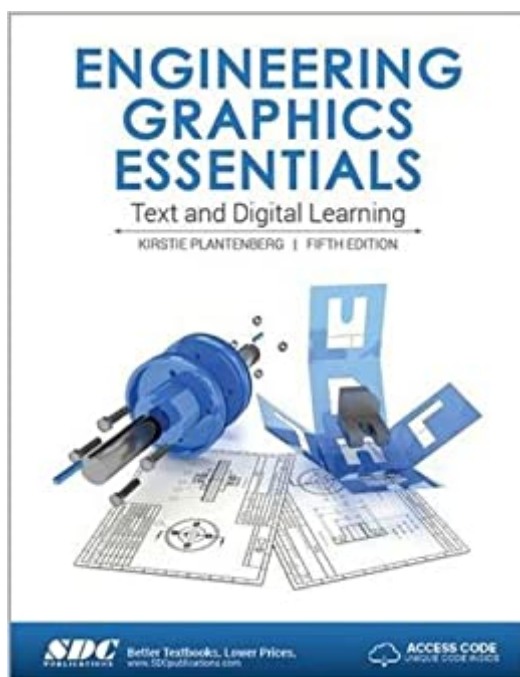


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# Engineering Graphics Essentials Fifth Edition



## Synopsis

Engineering Graphics Essentials gives students a basic understanding of how to create and read engineering drawings by presenting principles in a logical and easy to understand manner. It covers the main topics of engineering graphics, including tolerancing and fasteners. This textbook also includes independent learning material containing supplemental content to further reinforce these principles. This textbook makes use of a large variety of exercise types that are designed to give students a superior understanding of engineering graphics and encourages greater interaction during lectures. The independent learning material allows students to explore the topics in the book on their own and at their own pace. The main content of the independent learning material contains pages that summarize the topics covered in the book. Each page has audio recordings that simulate a lecture environment. Interactive exercises are included and allow students to go through the instructor-led and in-class student exercises found in the book on their own. Also included are videos that walk students through examples and show them exactly how and why each step is performed. Independent learning material contains

Summary pages with audio lectures  
Interactive exercises  
Video demonstrations  
Supplemental problem solutions  
Table of Contents  
Introduction to Engineering Graphics  
Orthographic Projection  
Pictorial Drawings  
Dimensioning  
Sectioning  
Advanced Drawing Techniques  
Tolerancing  
Threads and Fasteners  
Assembly Drawings  
Appendix A: Limits and Fits  
Appendix B: Threads and Fastener Tables  
Appendix C:  
References

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