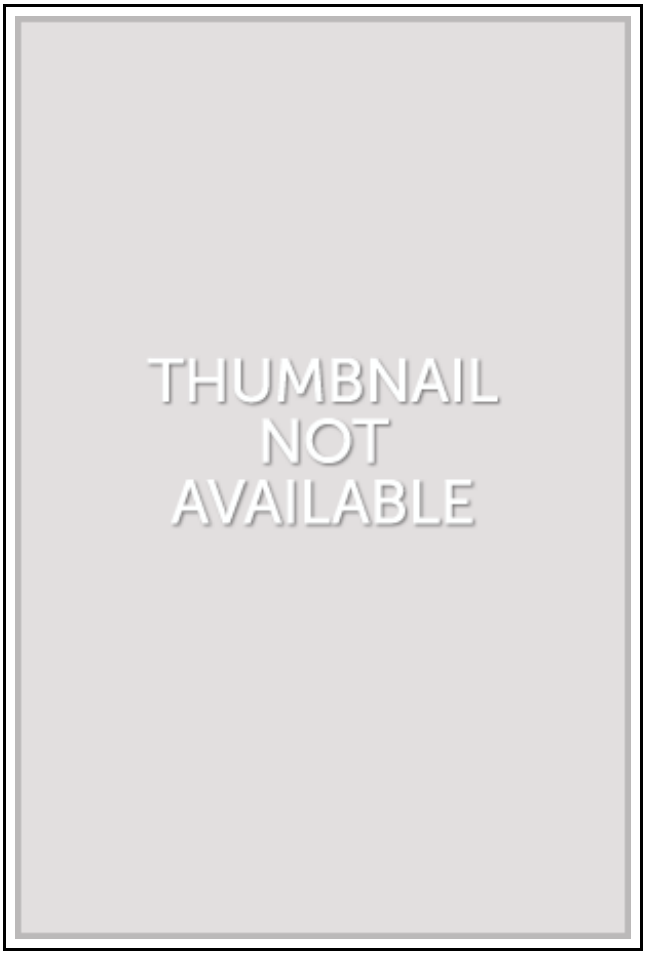
Engineering Graphics for Diploma



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Reviews

Comprehensive information for book fans. It is one of the most amazing book i actually have read. Once you begin to read the book, it is extremely difficult to leave it before concluding.
(Yoshiko Okuneva)

ENGINEERING GRAPHICS FOR DIPLOMA

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PHI Learning, 2009. Softcover. Book Condition: New. First edition. This book provides a detailed study of geometrical drawing through simple and well-explained worked-out examples and exercises. This book is designed for students of first year Engineering Diploma course, irrespective of their branches of study. The book is divided into seven modules. Module A covers the fundamentals of manual drafting, lettering, freehand sketching and dimensioning of views. Module B describes two-dimensional drawings like geometrical constructions, conics, miscellaneous curves and scales. Three-dimensional drawings, such as projections of points, lines, plane lamina, geometrical solids and their different sections are well-explained in Module C. Module D deals with intersection of surfaces and their developments. Drawing of pictorial views is illustrated in Module E, which includes isometric projection, oblique projection and perspective projections. The fundamentals of machine drawing are covered in Module F. Finally, in Module G, the book introduces computer-aided drafting (CAD) to make the readers familiar with the state-of-the-art techniques of drafting. KEY FEATURES : Follows the International Standard Organization (ISO) code of practice for drawing. Includes a large number of dimensioned illustrations, worked-out examples, and Polytechnic questions and answers to explain the geometrical drawing process. Contains chapter-end exercises to help students develop their drawing skills. CONTENTS Preface Module-A PRELIMINARIES 1. Introduction to Engineering Graphics 2. Lettering 3. Freehand Drafting 4. Dimensioning Module-B TWO-DIMENSIONAL DRAWINGS 5. Geometrical Constructions 6. Conic Sections 7. Miscellaneous Curves 8. Scales Module-C THREE-DIMENSIONAL DRAWINGS 9. Projections of Points 10. Projections of Straight Lines 11. Projections of Plane Figures 12. Projections of Solids 13. Sections of Solids Module-D DRAWING OF SURFACES 14. Intersection of Surfaces 15. Development of Surfaces Module-E PICTORIAL DRAWINGS 16. Isometric Projection 17. Oblique Projection 18. Perspective Projection Module-F INTRODUCTION TO MACHINE DRAWING 19. Multiview Projection of Objects 20. Auxiliary View of Objects 21. Visualization of...

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