

Giesecke, Tech Drawing 13e bcc

This full-color text is a clear and comprehensive introduction and reference for students and professionals creating 2D documentation drawings and engineering graphics by hand or using CAD. It offers excellent technical detail, up-to-date standards, motivating real-world examples and clearly explained theory and technique in a colorful, highly visual, concisely-written format. Designed as an efficient tool for busy, visually-oriented learners, this edition expands on well-tested material, bringing its content up to date with the latest standards, materials, industries and production processes. Colored models and animations bring the material to life for the student on the book's companion website.

Features:

- *Splash Spread* An attention getting chapter opener provides a context for the chapter content to follow and interests readers.
- *References and Web Links* Applicable references to standards and links to handy Web sites are at the start of each chapter.
- *Foundations Section* An introductory section set off by topic heading tab at the top of the page for easy navigation, covers the drawing topic's usage and importance, visualization tips, and theory related to the drawing techniques.
- *Detail Section* This is the "brass tacks" part of the book, where detailed explanations of drawing techniques, variations and examples are organized into quick-read sections, each numbered for quick reference in the Table of Contents.
- *CAD at Work section* This break-out page includes tips related to using the 2D or 3D CAD model to generate drawings.
- *Portfolio Section* This section offers examples of finished drawings showing real-world application of topics presented.
- *Key Words* Italicized on first reference, keywords are summarized at the end of the chapter.
- *Chapter Summary*
- *Review Questions*
- *Exercises* The excellent Giesecke problem set features updated exercises including plastic and sheet metal parts, updated assembly drawings from CAD models and sketching problems.

New to the Thirteenth Edition:

- New 4-color design
- Updated to current ASME standards
- Illustrations are closely integrated with the text
- Step by Step explanations
- More examples of plastic and sheet metal parts, as well as civil and architectural drawing