# PREFACE

## ABOUT THE AUTHOR

Frederick Giesecke, founder of Texas's first formal architectural education program at what is today Texas A&M University, has been described as "a wunderkind of the first magnitude." He joined the A&M faculty at the age of 17, after graduating in 1886 with a B.S. in Mechanical Engineering and by the age of 19, was appointed head of A&M's Department of Mechanical Drawing.

Frederick E. Giesecke as a cadet in the Texas A&M Corps of Cadets.

Frederick E. Giesecke, founder of Texas's first formal architectural education program.

Studying architectural drawing and design at Cornell University and Massachusetts Institute of Technology, respectively, he also served as head of the Department of Architecture and the official college architect at Texas A&M, designing many campus buildings that are still standing today.

A long-time admirer of Giesecke's legacy, Shawna Lockhart was honored to carry on the commitment to clear, engaging, thorough, and well-organized presentation that began with the original author.

Lockhart is known as an early adopter and authority on CAD technologies, as an instructor noted for outstanding dedication to students, and for encouraging a broad spectrum of individuals, particularly women and minorities, to follow careers in engineering related fields. She now works full time to ensure that the Giesecke graphics series continually applies to an evolving variety of technical disciplines.

## ONLINE RESOURCES

To access supplementary materials online, instructors need to request an instructor access code. Go to www.pearsonhighered.com/irc, where you can register for an instructor access code. Within 48 hours after registering, you will receive a confirming e-mail, including an instructor access code. Once you have received your code, go to the site and log on for full instructions on downloading the materials you wish to use.

## SUPPLEMENTS

- ***Instructor's Manual and Test Bank:*** This manual includes answers to end-of-chapter problems, chapter worksheets, teaching outlines, and a test bank keyed to each chapter of the book.
- Online PowerPoint slides of key text figures.
- ***Web Site:*** www.prenhall.com/giesecke: This Web site serves as an online study guide for students and features the following:
  - Dozens of animations created from art in the 4th edition
  - Self-grading concept questions: true or false, multiple choice, and fill-in-the blank questions for each chapter
  - Chapter summaries and objectives
  - Links to relevant websites for CAD and technical drawing

## WORKBOOKS

Three workbooks with additional problems are available. These workbooks are fully class-tested for effectiveness and relevance to the course. They range from traditional to more modern approaches.

- ***Engineering Drawing Problem Series 1 (ISBN: 013658361):*** Contains traditional mechanical workbook problems.

- ***Engineering Drawing Problem Series 2 (ISBN: 0136588816):*** Contains traditional problems with an emphasis on engineering concepts.
- ***NEW 4th Edition Engineering Drawing Problem Series 3 with CD (ISBN: 0135134811):*** The new edition of this workbook by Paige Davis and Karen Juneau contains more modern drawing problems as well as a CD with a disk of starter CAD files.

## SOFTWARE BUNDLES

This text may be packaged with a student version of CAD software. To request specific bundling information, as well as ISBNs and prices, please contact your local Pearson Professional & Career sales representative. For the name and number of your sales representative, please contact Pearson Faculty Services at 1-800-526-0485.

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