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He currently serves as vice-chair of both the ACCE accreditation committee and student learning outcomes task force. He has served as an external reviewer for other construction programs in Ohio, Texas, Florida, and New York and has published three textbooks with a fourth, Applied Statics & Strength of Materials (2e), due out in January 2009. Dr.

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working knowledge of algebra, geometry, and trigonometry. In addition to expanded coverage and better organization of information, it addresses new topics such as accuracy and precision, solution of simultaneous equations, rolling resistance, mechanical properties of materials, composite beams, reinforced concrete beams, plastic analysis of beams, design of shear connectors, and more.

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of these subjects, that are often used in many engineering disciplines. The development emphasizes the importance of satisfying equilibrium, compatibility of deformation, and material behavior requirements. The hallmark of the book, however, remains the same as the author's unabridged versions, and that is, strong emphasis is placed on drawing a free-body diagram, and the importance of selecting an appropriate coordinate system and an associated sign convention whenever the equations of mechanics are applied. Throughout the book, many analysis and design applications are presented, which involve mechanical elements and structural members often encountered in engineering practice. Also Available with MasteringEngineering . MasteringEngineering is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Interactive, self-paced tutorials provide individualized

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