



Practical Concepts for Capstone Design Engineering (Hardback)

By Frederick Bloetscher, Daniel Meeroff

J Ross Publishing, United States, 2015. Hardback. Book Condition: New. 257 x 178 mm. Language: English . Brand New Book. Practical Concepts for Capstone Design Engineering is the first and only comprehensive senior-level college textbook that provides the essential information needed to complete a successful capstone project in civil or construction engineering. Students will gain valuable insight and preparation for civil and construction engineering professional practice, and will learn how to smoothly transition from strictly academic work to solving real-world problems in the context of their capstone projects. The authors provide professional quality work examples, case studies, helpful hints, and assignments at the end of each chapter that further enhance comprehension. In addition to providing students with the key skills necessary to successfully enter the profession, they will also be well prepared for the Fundamentals of Engineering Exam upon graduation. It replicates the steps used by practicing engineers to complete design projects-from site selection, investigation, and site planning, through the preliminary design calculations and drawing preparation. It offers an approach for integrating students, faculty, design professionals, clients, consultants and regulators-bridging the gap between the classroom and the profession with astounding results. It provides faculty with a framework for developing an effective...



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