Fundamentals of Engineering Exam Prep

Course Overview

This course prepares students to take the Fundamentals of Engineering (FE) Exam and focuses on the disciplines of Civil and Other Disciplines with face-to-face and online learning. Lecture videos are utilized to facilitate thinking and problem solving. There are also online quizzes, homework assignments and examinations geared towards assessing progress. Students are expected to participate in the online content, weekly discussions and be prepared to solve practice problems.

Course Outline

I. Math
II. Probability and Statistics
III. Engineering Economics
IV. Ethics & Exam 1
V. Chemistry
VI. Safety & Material Science
VII. Dynamics
VIII. Exam 2
IX. Statics
X. Strength of Materials
XI. Fluid Mechanics
XII. Exam 3
XIII. Electricity & Magnetism
XIV. Thermodynamics and Heat/Energy Transfer
XV. Final Exam

Course materials

Students are expected to download the free copy of the latest NCEES FE Handbook at https://account.ncees.org/exam-prep/359

Certification

This course prepares students to take the Fundamentals of Engineering (FE) exam and focuses on the disciplines of Civil or Other Disciplines.

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