



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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