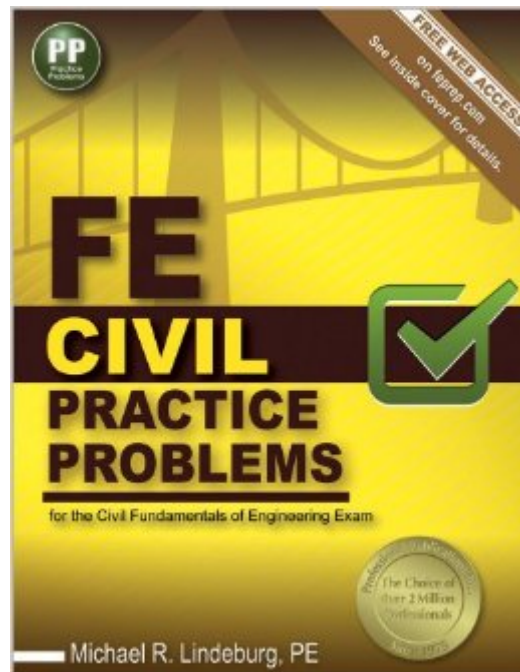


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# FE Civil Practice Problems



## Synopsis

Comprehensive Practice for the Computer-Based FE Civil Exam

FE Civil Practice Problems contains 466 problems designed to reinforce your knowledge of important civil engineering topics. Short, three-minute, multiple-choice problems illustrate the type and length of problem youâ™ll encounter on the FE Civil exam. Solutions proceed logically and are clear, complete, and easy to follow. Calculations use equations and nomenclature from the NCEES FE Reference Handbook to familiarize you with the reference youâ™ll have on exam day. Solutions are presented in whichever system of units (customary U.S. or SI) youâ™ll use during the exam, and units are meticulously identified and rigorously carried through in all calculations.

Exam Topics Covered

Computational Tools  
Construction Dynamics  
Engineering Economics  
Environmental Engineering  
Ethics and Professional Practice  
Fluid Mechanics  
Geotechnical Engineering  
Hydraulics and Hydrologic Systems  
Materials  
Mathematics  
Mechanics of Materials  
Probability and Statistics  
Statics  
Structural Analysis  
Structural Design  
Surveying  
Transportation Engineering  
Integrated Products and Support

Through [feprep.com](http://feprep.com)

FE Civil Practice Problems web book: the online version of this book provides automatic scoring and comparative reporting

FE Civil Review Manual: a comprehensive review manual with complete coverage of the FE Civil exam knowledge areas and relevant elements from the NCEES FE Reference Handbook; the online version offers full-text searching, note-taking, and bookmarking capabilities, and integrated interactive diagnostic exam problems with automatic scoring

FE Civil Practice Exam: an online simulated exam experience, with automatic scoring and comparative reporting

FE Civil Assessments: online problems to evaluate your familiarity with exam topics, with automatic scoring and comparative reporting

FE Civil Flashcards: online flashcards for quick, on-the-go review

FE Review Programs: online programs providing structure and personal feedback as you prepare for the FE exam

Study Schedule: an online, customizable study schedule with targeted reading and homework assignments

## Book Information

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## Customer Reviews

Ok, here is my story: On my first attempt, I took FE exam right after graduation in summer. I used NCEES FE Reference Handbook and the practice exam sold by NCEES for preparation. I skimmed over Reference Handbook while doing the practice exam. After two weeks, I showed up for the exam thinking I am going to pass. I was WRONG. I failed miserably. I calculated my raw score to be 48%. I would say 20% of the test was very similar to the practice exam. I found the exam to be easy (even though I failed) because I knew most of the materials (or at least I have seen them before), but I wasn't able to quickly point out the equations in Reference Handbook to get the answers. And sometimes, you know the materials, but because you haven't done or seen that particular question while in school, then you will get stuck on doing it or you will get wrong answer trying to solve it. After all, I had to guess a lot of the questions, and since I got stuck on some of the questions, then I ran out of time while still having to answer remaining 20 questions. After huge disappointment and some downtime, I realized that I needed to pass this test no matter how many attempts it took (got to be POSITIVE in life). I knew I needed to do a lot of questions to boost my exam taking speed and get myself familiar with as many questions as I could. So, I bought this book on feprep.com (eBook version). I started doing all the questions without looking at the solutions. Yes, you need to do it the hard way if you want to pass this exam. I only looked over solution after I was done fully attempting to solve a problem. It took me about good 40 days and 4 hours a day on average to do all the questions, relearn all the materials that were a bit dull, and review everything from beginning to end.

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