



Rochester Institute of Technology

Civil Engineering Technology
Environmental Management and Safety
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RIT's Civil Engineering Technology program, within the College of Applied Science and Technology is now offering a Fundamentals of Engineering (FE) Civil Exam Review Course for the civil engineering professionals. Passing the FE exam is the first step in the process leading to the Professional Engineers (PE) license. All eighteen (18) different exam topics as shown in the table below will be covered.

Topics in the FE Civil Exam

| Topics | Number of Questions | Topics | Number of Questions |
|------------------------------------------------------------------------|---------------------|-------------------------------------|---------------------|
| ✚ Mathematics | 7 to 11 | ✚ Statics | 7 to 11 |
| ✚ Probability and Statistics | 4 to 6 | ✚ Mechanics of Materials | 7 to 11 |
| ✚ Computational Tools | 4 to 6 | ✚ Structural Analysis | 6 to 9 |
| ✚ Ethics and Professional Practice | 4 to 6 | ✚ Structural Design | 6 to 9 |
| ✚ Engineering Economics | 4 to 6 | ✚ Fluid Mechanics | 4 to 6 |
| ✚ Environmental Engineering | 6 to 9 | ✚ Hydraulics and Hydrologic Systems | 8 to 12 |
| ✚ Construction | 4 to 6 | ✚ Geotechnical Engineering | 9 to 14 |
| ✚ Surveying | 4 to 6 | ✚ Transportation Engineering | 8 to 12 |
| ✚ Dynamics | 4 to 6 | ✚ Materials | 4 to 6 |
| Total | 41 to 62 | Total | 59 to 90 |
| Examinees have around net 320 minutes to complete 110 questions | | | |

FE Civil Exam Review Course Offerings for Spring 2018-19

✚ For 14 weeks of evening class option (Spring 2019):

- Starts on January 22nd with last day of class is on 26th of April 2019.

FE Civil Exam Review Course Structure

- ✚ Hands-on Problem solving in every class with some theory but mostly based on *FE Reference Handbook* from *NCEES*.
- ✚ 70 hours of intensive in-person teaching and practicing to ensure that the attendees fully grasp all the topics.
- ✚ A very fast-paced course with 14 weeks of evening classes.
- ✚ Homework materials will be provided after every class and need to submit it back at the beginning of next class. Some part of every week will be devoted for time restricted sample tests with problems similar to FE Exam to check individual progress towards the preparation of actual test.
- ✚ Deep-learning (engaging heart, mind, body and soul) initiative will be taken by a single instructor teaching all the topics by engaging all attendees in active learning and participation to unlock their potential.
- ✚ Fee for the review is set to be \$1049.
- ✚ **Group discount:** For a group of 5 or more will receive a discount of \$99 per person.
- ✚ **Guarantee of passing:** Students will be allowed to sit for maximum of three full scale 6 hours mock tests (**OPTIONAL**) at their suitable time set with the instructor at the end of 14 weeks of classes. If the student receives 85% or more in mock tests but doesn't pass the FE, will be allowed to attend the next course absolutely free.
- ✚ **Class meeting time:** Tuesday from 6:30 pm to 9:00 pm and Friday from 6:30 pm to 9:00 pm.
- ✚ **Registration deadlines are 10 days before the start of the course.**
- ✚ **All classes will be held in RIT campus.**

Note: Start and end dates are flexible to accommodate the requirement from large group enrollment. Same applies for class meeting time.

For additional information or to register, please contact:

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