FE Exam

The Fundamentals of Engineering exam is the first step in the Professional Engineering (PE) registration process, and satisfies the Senior Assessment graduation requirement on the CAPS report. You must take the exam in either of your last two semesters. Apply to take the exam the semester BEFORE you take it. Application forms are available in Toomey 194. You are strongly encouraged to take care of it now.

The application requires a two step process. The first step is to apply with the Missouri Board by the deadline. Since the Exam Board is located in Jefferson City, Missouri, it must be mailed or driven to the office. Do not wait until the last minute to apply. Then, that board will mail you authorization to register for a specific exam date and place. Watch for this mailing and respond to it promptly. This is an important opportunity for you to begin the process of establishing credentials as a professional engineer that will be respected by industry. The review process will also help you solidify your understanding of material you have learned. The MAE department also uses the aggregate results to determine areas of the curriculum that may need more attention. You need not be afraid of the exam, as experience shows that Missouri S & T students have a good success rate. You should, however, take the opportunity seriously. Review sessions are offered every semester, and will be announced by email.

The exam has a morning session and an afternoon session. The morning session is made up of problems from the basic math and sciences topics generally covered by all engineering majors in the first two years of the curriculum. In the afternoon session, you will be asked to choose whether to take a general exam or a discipline specific exam. The general exam consists of more problems from the same subject areas as the morning session. The discipline specific exam consists of problems from subject areas generally seen in the Junior and Senior years of the specific discipline. ME students are strongly advised to take the ME discipline exam, because (a) the review of the material will be valuable to you, (b) the data from the ME topics covered will be valuable to the department for assessment and improvement of the curriculum, and (c) our students consistently score higher on the ME topics than on the general topics. There is no AE specific exam available, so AE students will generally opt for the general exam in the afternoon.