



Fundamentals of Engineering (FE) Exam Registration & Arizona Bureau of Technical Registration (AZ BTR) Application Fees Assistance Application

The Fundamentals of Engineering (FE) exam is designed to measure your understanding of engineering and the engineering sciences. The Biosystems Engineering department values the FE exam for the following reasons:

1. The FE exam is one of the best general measures of what you have learned throughout your engineering undergraduate career.
2. When you pass the exam, it moves you to the status of “Engineer-in-Training” which almost any consulting firm requires for employment and, even if you don’t go to work for a consulting firm, it moves you another step closer to professional registration which usually opens up more opportunities for you.
3. The FE exam gives us a good data set for ABET assessment which is recognized by ABET (Accreditation Board for Engineering and Technology) as a powerful tool for assessing several of our student learning outcomes, particularly the educational objective to *produce graduates who are effective engineers within natural resources and biotechnology related industries*.
4. The FE exam also has good correlation with 8 of our 11 Biosystems Engineering student learning outcomes.

For these reasons, we require that all undergraduates in the Biosystems Engineering program take the FE exam as a graduation requirement. We recognize that the cost of both applying with the AZ BTR and registering with NCEES for the FE exam are expensive. We are fortunate that we have alumni who both value the FE exam AND understand the financial burden that the FE exam can impose. There is a BE gift account to help defray half the cost of the FE exam registration & AZ BTR application fees. Please upload this application form to the appropriate Assignment folder in the Biosystems Undergraduate Programs D2L student support site. Applications will be reviewed as they come in. Upon approval of the application, ½ of the FE exam registration and AZ BTR application fees will be put into your Bursar’s Account AFTER the department receives a thank you note/card/letter (please deliver the thank you note/card/letter to Aaron Tevik [Shantz 413; atevik@arizona.edu] and upload a copy to the same Assignment folder you submitted this application). *NOTE: All students must be in good standing with the department including any required training.*

Student Name _____ Student ID # _____

Student Phone # _____ Student E-mail _____

Date Registered for FE Exam _____

Total Amount being requested: _____

Essay on what engineering means to you. (500 words)