

Reasons for Taking the Fundamentals Exam

by: Steve Snelling

During your senior year in college, or soon after graduation, consider taking the Fundamentals of Engineering (FE) exam, towards becoming an Engineer-In-Training (EIT). Also, consider starting to prep for the Principles and Practice of Engineering exam in order to eventually get your Professional Engineer (PE) License.

Industrial & Systems Engineers who go into Engineering Consulting will eventually want to get their PE license. Certain jobs such as Facility Planning for city or county governments will require that you are making progress towards your PE.

In order to become a PE, you first have to pass the Fundamentals of Engineering (FE) exam and be an Engineer-In-Training (EIT). Then your work has to be reviewed by a current PE in order to verify that your Industrial Engineer work qualifies you to take the PE exam after several years.

The best time to be able to pass the Fundamentals of Engineering (FE) exam is when the material is still fresh in your mind, like during your senior year. Often your university will have a series of refresher classes (usually after hours) that can prepare you for the exam. Also there is information on the NCEES website: <https://ncees.org/engineering/fe/>