Lecture 3: FE & PE
(Pathway to Engineering)

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Department of Civil & Architectural Engineering
Outline

• Steps to PE Licensure
• TSU Student Organizations
• Non-TSU Student Organizations
• Works Cited
Steps to PE Licensure

1) “Take and pass the National Council of Examiners for Engineering Surveying (NCEES) Fundamentals of Engineering (FE) Examination during your senior year

2) After you pass the test, you will be sent an Engineer Intern (EI) certificate although most people refer to it as an Engineer in Training (EIT) certificate

3) Work 4 years under the direction of a licensed Professional Engineer (PE) in your engineering discipline

4) Take and pass the Principles and Practice of Engineering Exam

5) Register as a PE with the Commonwealth/State Board of Architectural and Engineering Examiners or its equivalent” [1, 2]
TSU Student Organizations (not complete list)

- Society of Women Engineers (SWE)
- National Society of Black Engineers (NSBE)
- American Society of Civil Engineers (ASCE)
- American Society of Mechanical Engineers (ASME)
- Architectural Engineering Institute (AEI)
- Institute of Electrical and Electronics Engineers (IEEE)
- Tennessee Louis Stokes Alliance for Minority Participation (TLSAMP)
Non-TSU Student Organizations (not complete list)

- National Society of Professional Engineers (NSPE)
- Tennessee Society of Professional Engineers (TSPE)
- Society of Hispanic Professional Engineers (SHPE)
- American Society for Engineering Education (ASEE)
- Engineers Without Borders (EWB)
Useful resources

  - Why become an Engineer Intern: Its Value and the Steps to Take

- [http://www.mtsu.edu/career/Majors/pdf/engineering.pdf](http://www.mtsu.edu/career/Majors/pdf/engineering.pdf)
  - Engineering: What can I do with this degree?
Works Cited