Lecture 1: Introduction to the College of Engineering

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Department of Civil & Architectural Engineering
What is an Engineer?

- An engineer is a person that is a “professional practitioner of engineering, concerned with applying scientific knowledge, mathematics, and ingenuity to develop solutions for technical, societal and commercial problems. Engineers design materials, structures, and systems while considering the limitations imposed by practicality, regulation, safety, and cost.” [1]
College of Engineering Resources

- [http://www.tnstate.edu/engineering/degrees.aspx](http://www.tnstate.edu/engineering/degrees.aspx) - TSU College of Engineering Degree Programs
- [http://www.tnstate.edu/engineering/core_courses.aspx](http://www.tnstate.edu/engineering/core_courses.aspx) - TSU College of Engineering Core Courses (core requirements for an undergraduate Engineering degree)
Other Useful Resources

- Can be found online at http://www.ecoccs.com/tsuteach.html
Homework 1

- Homework 1 is available from http://www.ecoccs.com/tsuteach.html#homework
Works Cited