Freshman Engineering Background Data

The following is data collected from a survey of our freshman engineering students.

- **High School Physics:** 22% have had AP physics; 26% have not had any high school physics
- **Calculator:** 99% use a TI calculator, with one lone person using an HP calculator
- **Computer:** 89% have a laptop, 2% do not have any computer; 18% have Macs
- **Favorite Web Site:** 22% Facebook, 7% Youtube, 6% ESPN, 6% Google
- **Engineering Major:** See chart below.

“Clicker” Technology is Adopted by Engage

In a continued effort to improve the teaching and learning methods, students in EF 151 and EF 152 this semester have been using Personal Response Systems in lectures and recitations. These systems, known as "clickers" to the students, allow for real-time polling of the entire class to provide immediate feedback to the instructors. During the last few weeks we have seen how this system helps the student enjoy the class and how it gives them a more in depth understanding of the material.

Featured Problem (from EF 151 test): Dr. Bennett meets a cow in the corn field and takes the cow back home. They start fast with a velocity of 38 ft/sec, but slow down at constant rate of 0.11 ft/sec². How long does it take Dr. Bennett and the cow to complete the 1.0 mile trip home?