

>>> Chapter 1 Quiz for *Foundations of Engineering* <<<

>>> SOLUTIONS <<<

This is a short answer quiz. Please put your answers in the designated answer areas. The quiz questions for the quizzes in the three sections of *Foundations* that I teach are largely different. I will “norm” the quiz scores at the end of the semester to account for any differences between the sections. The questions from this quiz come from the lecture and the book (chapter 1). Each problem is worth 12 points (4 points are for free).

This quiz is open notes, but not open book. Your notes may not contain photocopies (or scans or anything similar) of anything. That is, the notes must be handwritten. You have 15 minutes. Later quizzes will be more difficult and longer than this one!

1. What department is your instructor from or where did he go to school or where did he work before coming to USF? **Computer Science and Engineering or UF (or NCSU) or IBM.**
2. What are the three keys to success (one word each). 1) **Effort** 2) **Approach**, and 3) **Attitude**
3. Who said, “Genius in 1% inspiration and 99% perspiration”? **Thomas Edison**
4. Fill in the blanks, “To be successful you have to work **hard** and **smart** (this follows from Distance = Rate x Time)”.
5. In the student involvement mode, involvement is up to **YOU**
6. In the employment attribute model “personal qualifications” (to include team work) is listed first. What is listed second? It is **scholastic qualifications (grades)**.
7. What is ABET EC 2000 all about? **ABET is an accreditation body. EC 2000 are the criteria which entail a school setting objectives, measuring how they meet them, and acting upon the measurements. Continuous improvement. It is not based on “bean counting” of books in the library and so on.**
8. What is Engineering Expo? **Where the USF CoE opens its doors to the public. Labs are opened. Physics and chemistry have shows. Students run the entire Expo!**