

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

### >>> SOLUTIONS <<<

This is a multiple choice and 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 16 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. The name of your instructor is **Christensen**
2. What are the three keys to success (one word each). 1) **Effort** 2) **Approach**, and 3) **Attitude**
3. Finish the sentence (one word), “We aren’t born knowing how to be effective, we **learn** how”
4. Complete the sentence (one word), “Poor self-worth, never my fault, won’t seek help, and a negative view of authority are ingredients for a **recipe** for failure.”
5. What is ABET? **ABET is the Accreditation Board for Engineering and Technology. ABET accredits engineering programs. ABET mandates that institutions must demonstrate that their graduates gave the eleven attributes described in EC 2000.**
6. What happened in Apollo 13? **When Apollo 13 was orbiting the moon with the LEM docked to the CM, something went wrong in the CM preventing oxygen from being produced. The Apollo 13 crew left the LEM docked to the CM and used the resources of the LEM to produce oxygen. The crew brought back the CM-LEM pair to near earth orbit and then dumped the LEM and returned to earth.**