

>>> Chapter 3 (mostly) quiz for *Foundations of Engineering* <<<

>>> SOLUTIONS <<<

This is a short answer quiz. Please put your answers in the designated answer areas. The questions from this quiz come from the lecture and the book (chapters 2 and 3). Each problem is worth 12 points (4 points are for free). This quiz is open notes, but not open book. Your notes may only contain handwritten material. You have 20 minutes.

- 1) What is the purpose of the "P.E." licensure and which engineering discipline is it most important to become a P.E.?
The goal of P.E. licensure is to protect the public from poor engineering. Becoming a P.E. is vital for Civil Engineers as most of their work deals with things the public "stands in or on".
- 2) When we say you should be "selfish" regarding your engineering study, what do we mean? **This means that you should be stingy with your time. You need to spend time on your studying and now have less time to spend on others. You cannot afford to give away your time. Lost time can never be recovered.**
- 3) How will your ability to deal with professors help you in industry? **The ability to deal with "authority" is critical in industry. Dealing with professors gives you practice in this.**
- 4) Industry says they value teamwork over technical skills. This is because the new paradigm is one of (one or more words) **collaboration.**
- 5) What is the biggest problem in group work? **Maintaining focus is usually the biggest problem.**
- 6) You should make people like you it is argued. What are characteristics that will result in people NOT liking you?
Talking only about yourself, always being "down", and always taking and never giving will result in people not liking you.
- 7) What is the basic rule in note taking? **Whatever is written on the board should be written in your notebook.**
- 8) What are two methods that can help you manage your time? **Establishing and following a weekly schedule and daily/weekly ToDo list are two methods for time management.**