>>> Chapter 2 Quiz for Foundations of Engineering <<<

Name	SSN
quizzes in the three sections of $Foundations$ that I teach	the designated answer areas. The quiz questions for the n are largely different. I will "norm" the quiz scores at the ween the sections. The questions from this quiz come from orth 12 points (4 points are for free).
·	ay not contain photocopies (or scans or anything similar) of have 15 minutes. Later quizzes will be more difficult and
1) Answer "what is engineering" in one sentence "En	gineering is the application of science to the
common purpose of life" (Count Rumsford)	
2) In the engineering process before the IMPLEMENT s	teps comes the EVALUATE DESIGNS step.
3) What is the number one achievement of the top-twent Electrification	ty 20th century greatest engineering achievements?
4) List the five "classic" engineering disciplines Civil, M	echanical, Electrical, Chemical, and Industrial
5) Which of the engineering disciplines is the oldest? Ci	vil
6) List three specialties of Electrical Engineering P Controls, Instrumentation, and Computers)	ower, Communications, and Electronics (also
7) If Mechanical Engineering is lightly stated as "Any	thing that moves or gets hot", then Civil Engineering is

8) Give an argument for a specialized (and not generalized) engineering education A specialized education can prepare you to be very competetive and competent for a given field and thus beat-out other less-specialized and thus less competent competitors.

"Anything you can **stand** in or on".