

King Saud University

College of Engineering

GE 105: **Introduction to Engineering Design**

**Due:** Thursday, March 3, 2016

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### **Tutorial 2**

1. What does the ABET stand for?
2. Define the engineering profession?
3. Compare scientist and engineer, and state the difference?
4. List the elements of professionalism.
5. Is it okay for an engineer to design a building with a known potential problem? State the reasons for your answer.
6. Is it possible for an engineer who is responsible of designing the electrical system of a building to escape punishment if an electrical problem has occurred in a building and caused injuries? State the reasons for your answer.
7. What is the difference between a profession (line of work trained for) and occupation (job)?
8. Is it possible to be a professional if you don't have a BS degree? Why?
9. Does the engineer have to consider the safety and reliability of a product during design or service? Give an example to support your answer.
10. What does an engineer do? Give three examples to support your answers.