

# ENGR 125CS

First Day Questionnaire (FL07)

Name: \_\_\_\_\_

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1. You probably learned the *scientific method* in high school. What are its key elements?
  2. The engineering design process differs from the scientific method. What are the key elements of the engineering design process?
  3. Do you have a family member who is employed in the engineering field? If so, what area of engineering (mechanical, civil, electrical, etc.)?
  4. What would you say are the most significant engineering achievements between 1900 and today? Why?
  5. List any movies, books, or television shows in which you can recall a character being identified as an engineer.



Please indicate whether you agree, have a neutral opinion, or disagree with the following statements:

	<i>Statement</i>	<i>Agree</i>	<i>Neutral</i>	<i>Disagree</i>
1	Scientific invention is largely responsible for our standard of living in the United States	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	For some reason, engineers tend to be nerds or geeks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Science and technology are making our lives healthier, easier, and more comfortable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Engineers are largely to blame for the environmental problems we see in the world today (pollution, rampant growth, global climate change, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Engineering is a highly creative and expressive field of study	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	I am optimistic that engineering innovation will eliminate our reliance on imported fossil fuels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Controversial fields such as genetic engineering and nuclear power should be restricted or carefully regulated by our government	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	For some reason, most engineers are male	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	The world would be a better place if we relied less on technology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	New inventions will always be found to counteract any harmful consequences of technological development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Because of their special knowledge and training, engineers have a power that makes them dangerous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	In general, we depend too much on science and not enough on faith	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>