

Engineering 82 Pretest Survey – Fall 2014

Please enter your 8-digit ID number. **Do not include** the first 0 or the number following the dash (e.g., if your entire number is 012345678-1, only enter 12345678).

Student ID (limit to 8 characters): _____

Please indicate the degree to which you agree or disagree with the following statements using the scale provided.

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
1. I'm confident I will learn the basic concepts in E82.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. When I become confused about something in a lecture, I go back and try to figure it out.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. I slow down when I encounter important information.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. I try to identify students in class whom I can ask for help if necessary.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. When I study, I stop and go back over new information that is not clear.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. I'm confident about learning the most challenging material in E82.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. I try to work with other students from class to complete the course assignments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. I have control over how well I learn.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9. When I study, I set goals for myself in order to direct my activities in each study period.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10. I'm confident I can do an excellent job on the assignments and tests in this course.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11. When I can't understand course material, I ask another student in class for help.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12. Even if I have trouble learning the material in class, I try to do the work on my own, without help from anyone.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13. I ask the instructor to clarify concepts I don't understand well.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14. I expect to do well in this class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
15. When studying, I often try to explain the material to a classmate or friend.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
16. I know how to study for those concepts that I don't understand well.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
17. I change strategies when I fail to understand.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
18. When studying for a class, I often set aside time to discuss the course material with a group of students from the class.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
19. I am a good judge of how well I understand something.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Please indicate the degree to which you agree or disagree with the following statements using the scale provided. The fields of Science, Technology, Engineering and Mathematics are referred to as STEM fields.

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
20. My family is interested in the STEM courses I take.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
21. My family has encouraged me to study STEM.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
22. I will graduate with a college degree in a major area needed for a career in STEM.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
23. I will have a successful personal career and make substantial scientific contributions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
24. I will get a job in a STEM-related area.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
25. Some day when I tell others about my career, they will respect me for doing work in a STEM field.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
26. A career in STEM would enable me to work with others in meaningful ways.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
27. Scientists make a meaningful difference in the world.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
28. Having a STEM career would be challenging.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
29. I understand how my STEM training would contribute to community and global issues.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
30. I would like to have a career specifically focused on chemical and thermal engineering.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
31. I am interested in taking more classes in chemical and thermal engineering.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please type your 8-digit student ID number again to confirm your participation and to get credit for taking this survey. Again, **do not include** the first 0 or the number following the dash (e.g., if your entire number is 012345678-1, only enter 12345678). Note that if your ID number is incorrect, we will not know you have completed the survey and you will not receive credit.

Student ID (limit to 8 characters): _____