NC STATE UNIVERSITY

2012-2013 Graduating Senior Survey Insert
College of Engineering

INSTRUCTIONS:

All graduating seniors in the College of Engineering are being asked to take a few minutes to complete this brief survey. Your answers to the following questions are important and would be appreciated. To answer a question, click on the bubble for the answer you are choosing. Once you have answered all the questions, you must hit the **SUBMIT** button at the end of the form to submit your answers.

Please indicate your major. If you are graduating <u>this academic year (December 2012 or May 2013)</u> with more than one major in the College of Engineering, select what you consider to be your <u>primary</u> major. Respond to the questions below based on your experiences in the major you select here.

○ Aerospace Engineering (AE)

○ Biological and Agricultural Engineering (BAE)

○ Biomedical Engineering (BME)

○ Chemical Engineering (CHE)

○ Civil Engineering (CE)

○ Computer Engineering (CPE)

○ Computer Science (CSC)

○ Construction Engineering and Management (CEM)

○ Electrical Engineering (EE)

○ Environmental Engineering (ENE)

○ Industrial Engineering (IE)

○ Materials Science and Engineering (MSE)

○ Mechanical Engineering (ME)

○ Mechatronics (JEM)

○ Nuclear Engineering (NE)

○ Paper Science Engineering (PSE)

○ Textile Engineering (TE)

Please rate the preparation you received in your program at NC State University for each of the following:	Excellent	Good	Average	Fair	Poor	Not Applicable
1. The ability to apply knowledge from your major in						

engineering or computer science						
2. The ability to apply knowledge of mathematics and science						
3. The ability to design and conduct experiments						
4. The ability to analyze and interpret data						
5. The ability to design a system, component or process to meet desired needs						
6. The ability to function on multidisciplinary teams						
7. The ability to identify, formulate and solve engineering or computer science problems						

	Excellent	Good	Average	Fair	Poor	Not Applicable
8. An understanding of professional and ethical responsibility						
9. The ability to write effectively						
10. The ability to speak effectively						
11. A broad education necessary to understand the impact of engineering solutions in a global and societal context						
12. A recognition of the need for, and ability to engage in lifelong learning						
13. Knowledge of contemporary issues						
14. The ability to use the techniques and skills necessary of engineering or computer science practice						
15. The ability to use modern tools necessary for engineering or computer science practice						

Do you agree or disagree with each of the following statements?	Agree	Tend to Agree	Neither Agree nor Disagree	Tend to Disagree	Disagree	Not Applicable
16. My program included enough classroom presentations for me to gain good oral presentation skills						
17. My program included enough written reports for me to gain good report-writing skills						
18. My senior design project(s) provided a good opportunity to integrate my learning in major and non-major courses						
19. Design activities were integrated throughout my program						
20. The coursework activities in my program as a whole required synthesis, creativity, and open-ended thinking						
21. The computing facilities available to me in the department were adequate and accessible						
22. The classroom facilities were conducive						

to learning						
23. Based on the quality of teaching and education I received in my program, I would recommend it to a friend						

24. Did you take courses beyond those required in your curriculum to satisfy a personal interest or career objectives?

○ Yes

○ No

25. If you answered "Yes" to question 24, were the courses in your major or outside of your major?

○ In major

○ Outside major

○ Both

26. What courses in your program have been most useful to you and why?

27. What courses in your program were least useful to you and why?

28. What subject matter would you suggest for new courses in your discipline?

29. Please use this space to share any general comments you have about your experience in the College of Engineering or your department, and/or tell us why you were particularly satisfied or dissatisfied with any aspect of your education in the college.

Departmental Surveys

Thank you for completing the College of Engineering survey. If you do not have another major, or your other major department is not listed below, select "None" and click on the "Submit" button to

submit your responses to this survey. If you have another major that is listed below, please select it then click on the "Submit" button to submit your responses to this survey and go to the next one.

College/Department/Program:

| None of These |
| Agricultural and Extension Education (AED program only) |
| Chemistry |

When you are satisfied with all your answers on this page, click on the "Submit" button to go to the next one.

Submit

If you do not see a college/department survey or a "Thank you" message after you click on the "submit" button, your survey results were not saved. You can use your browser's "back" button to return to this page and submit again, re-enter your answers at another time, or let us know about the problem at (919) 515-4184 or studentsurveys@ncsu.edu.

Thank you for your time and assistance!