NC STATE UNIVERSITY

2016-2017 Graduating Senior Survey: 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 2016 or May 2017)</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)
Mechanical Engineering Systems (MES)
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
The ability to apply knowledge from your major in engineering or computer science	0	0	0	0	0	0
2. The ability to apply knowledge of mathematics and science	0	0	0	0	0	0
3. The ability to design and conduct experiments		0	0	0	0	0
4. The ability to analyze and interpret data	0	0	0		0	0

5. The ability to design a system, component or process to meet desired needs					0	
6. The ability to function on multidisciplinary teams	0	0	0		0	0
7. The ability to identify, formulate and solve engineering or computer science problems	0	0	0	0	0	0
	Excellent	Good	Average	Fair	Poor	Not Applicable
An understanding of professional and ethical responsibility	0	0	0	0	0	0
9. The ability to write effectively	0	0	0		0	0
10. The ability to speak effectively	0	0	0		0	0
11. A broad education necessary to understand the impact of engineering solutions in a global and societal context	0	0		0	0	0
12. A recognition of the need for, and ability to engage in lifelong learning	0	0	0	0	0	0
13. Knowledge of contemporary issues	0	0	0			0
14. The ability to use the techniques and skills necessary of engineering or computer science practice	0	0	0	0	0	0
15. The ability to use modern tools necessary for engineering or computer science practice	0	0	0	0	0	0

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	0	0	0	0	0	0
17. My program included enough written reports for me to gain good report-writing skills	0	0	0	0	0	0
18. My senior design project(s) provided a good opportunity to integrate my learning in major and non-major courses	0	0	0	0	0	0
19. Design activities were integrated throughout my program	0	0	0	0	0	0
20. The coursework activities in my program as a whole required synthesis, creativity, and openended thinking	0	0	0	0	0	0
21. The computing facilities available to me in the department were adequate and accessible	0	0	0	0	0	0
22. The classroom facilities were conducive to learning	0	0	0	0	0	0
23. Based on the quality of teaching and education I received in my program, I would recommend it to a friend	0	0	0	0	0	0

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
O 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?
27. Thiat obaloos in your program note touch about to you and may?
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.
Thank you for completing the College of Engineering Survey.
BAE STUDENTS ONLY: All seniors graduating with a Biological Engineering degree are being asked to respond to just a few more questions specifically related to the BE program. Please click on the BE button to submit your responses to this survey and go to the BE one. BE
BME STUDENTS ONLY: All seniors graduating with a degree in Biomedical Engineering are being asked to respond to just a few more questions specifically related to the BME program. Please click on the BME button to submit your responses to this survey and go to the BME one.

CSC STUDENTS ONLY: All seniors graduating with a degree in Computer Science are being asked to respond to just a few more questions specifically related to the CSC program. Please click on the CSC button to submit your responses to this survey and go to the BME one.

CSC

BME

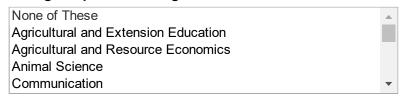
ALL OTHERS:

Are you a double (or triple!) major graduating from that other program(s) this academic year? If that program is listed below, please select it then click on the "Submit" button. If your other program is not listed, or you are not a double/triple major, select "None" and click on the "Submit" button to submit your responses to this survey.

YOU MUST CLICK ON THE "SUBMIT" BUTTON IN ORDER FOR YOUR RESPONSES TO BE SAVED.

Departmental Surveys

College/Department/Program:



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!



This request took 0.16 seconds of real time (v9.3 build 1496).