

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.
<input type="radio"/> Aerospace Engineering (AE)
<input type="radio"/> Biological and Agricultural Engineering (BAE)
<input type="radio"/> Biomedical Engineering (BME)
<input type="radio"/> Chemical Engineering (CHE)
<input type="radio"/> Civil Engineering (CE)
<input type="radio"/> Computer Engineering (CPE)
<input type="radio"/> Computer Science (CSC)
<input type="radio"/> Construction Engineering and Management (CEM)
<input type="radio"/> Electrical Engineering (EE)
<input type="radio"/> Environmental Engineering (ENE)
<input type="radio"/> Industrial Engineering (IE)
<input type="radio"/> Materials Science and Engineering (MSE)
<input type="radio"/> Mechanical Engineering (ME)
<input type="radio"/> Mechanical Engineering Systems (MES)
<input type="radio"/> Mechatronics (JEM)
<input type="radio"/> Nuclear Engineering (NE)
<input type="radio"/> Paper Science Engineering (PSE)
<input type="radio"/> 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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. The ability to apply knowledge of mathematics and science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. The ability to design and conduct experiments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. The ability to analyze and interpret data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

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.

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.

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.

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:

None of These	▲
Agricultural and Extension Education	
Agricultural and Resource Economics	
Animal Science	
Communication	▼

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

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!

NC STATE UNIVERSITY

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