

**2017-2018 Graduating Senior Survey:  
Department of Biological and Agricultural Engineering  
(BE majors only)**

**INSTRUCTIONS:**

The Department of Biological and Agricultural Engineering is very interested in your opinions, and believes that as a graduating senior you can provide it with useful information to help evaluate and improve its program. We appreciate your taking the time to answer these questions.

Once you have answered all the questions, you must click on the NEXT button at the end of the form to submit your answers. **Please indicate your agreement with each of the following statements.**

**1. The following BE teaching facilities and equipment significantly enhanced my learning experience:**

	Agree	Agree somewhat	Neither agree nor disagree	Disagree somewhat	Disagree	Did not use/no opinion
a. Classrooms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Laboratory rooms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Audio/video equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Laboratory equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Access to the above facilities and equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Please indicate your agreement with each of the following statements.**

	Agree	Agree somewhat	Neither agree nor disagree	Disagree somewhat	Disagree
2. As a graduating senior, I feel adequately prepared to independently design and conduct experiments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. In general, teamwork experiences in all of my undergraduate courses were positive	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. I have a conceptual understanding of group dynamics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Team project experiences have given me the skills and strategies that will make any future teamwork I engage in successful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. The instruction and guidance in teamwork I have received from professors in BAE was adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. The instruction and guidance in teamwork I received from other NCSU professors was adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. I am confident that my undergraduate instruction in oral and written communication skills have prepared me to perform capably on the job	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9. I fully understand the kinds of writing and speaking I will be asked to do as professional engineer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10. I received high quality guidance and instruction in writing and speaking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Please indicate your agreement with each of the following statements.**

	Agree	Agree somewhat	Neither agree nor disagree	Disagree somewhat	Disagree
11. I believe that I have an adequate understanding of the global issues relating to engineering and the societal context of engineering as a profession	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12. I believe that my education at NC State has contributed significantly to my understanding of the global issues relating to engineering and the societal context of engineering as a profession	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13. While an undergraduate student, I have taken advantage of the opportunities afforded me by the various international programs at the university	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14. Additional educational opportunities are needed for future students to understand the broader context of engineering in society	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Please indicate your agreement with each of the following statements.**

	Agree	Agree somewhat	Neither agree nor disagree	Disagree somewhat	Disagree
15. My undergraduate education at NCSU has adequately prepared me to use my time management skills to become a successful engineering professional	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
16. My undergraduate education at NCSU has adequately prepared me to use my interpersonal communication skills to become a successful engineering professional	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
17. My undergraduate education at NCSU has adequately prepared me to use my skills and techniques for information-gathering to become a successful engineering professional	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
18. My total undergraduate instruction and guidance at NCSU has adequately prepared me to become a successful engineering professional	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**19. I believe in the need for life-long learning related to my engineering field.**

- Yes
- Maybe
- No

**20. While an undergraduate student, I was a student member and participated actively in an engineering society.**

- Yes
- Maybe
- No

**21. I plan to become a full member in an engineering society after graduation.**

- Yes
- Maybe
- No

**22. I have taken (or plan to take before graduation) the Fundamentals in Engineering Exam.**

- Yes
- Maybe
- No

*Display This Question:*

*If 22. I have taken (or plan to take before graduation) the Fundamentals in Engineering Exam. = Maybe*

*Or 22. I have taken (or plan to take before graduation) the Fundamentals in Engineering Exam. = No*

**22a. If you have not taken the Fundamentals in Engineering exam, do you plan to take it within two years of graduation?**

- Yes
- Maybe
- No

Display This Question:

If 22. I have taken (or plan to take before graduation) the Fundamentals in Engineering Exam. = Yes

Or 22a. If you have not taken the Fundamentals in Engineering exam, do you plan to take it within two years of graduation? = Yes

**22b. If you have taken (or plan to take) the Fundamentals exam, do you plan to take the Professional Engineering exam after 5 years EIT experience?**

- Yes
- Maybe
- No

**Please indicate the number of times you attended the following activities while an undergraduate student:**

	0	1	2	3	4	5	6	7+
23. Professional development seminars that focused on teamwork, interpersonal communication, or time management skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
24. Life-long learning activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**25. What single aspect of your undergraduate experience was the most positive?**

---

---

---

---

**26. What single aspect of your undergraduate experience was the most negative?**

---

---

---

---

**27. Please generally describe your future plans.**

---

---

---

---

**28. Briefly explain why you chose the BE major in the BAE Department.**

---

---

---

---

Thank you for completing the Graduating Senior Survey for the Department of Biological and Agricultural Engineering (BE major). **Please be sure to click on the 'Next' button to submit your responses.**

Depending on the major(s) in which you will be earning a degree from NC State in either December 2017 or May 2018, after clicking on the 'Next' button you might be directed to additional questions for your major(s). Your department very much appreciates your taking the time to answer these questions.