

ALUM18 14COE

**COEintro1 2018**

**Alumni Survey:**

**College of Engineering**

As a graduate of the College of Engineering, your opinions are very important in our programming and planning efforts. We appreciate your taking the time to answer a few questions specifically related to your experiences in your college.

coe1 Are you employed in the field in which you received your degree?

- Yes (1)
- No (0)

coe2 Have you had formal education beyond your bachelor's degree in engineering?

- Yes (1)
- No (0)

Please rate the preparation you received in your program at NC State University for each of the following:

	Excellent (5)	Good (4)	Average (3)	Fair (2)	Poor (1)	Not applicable (8)
The ability to apply knowledge from your major in engineering or computer science (coe3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to apply knowledge of mathematics and science (coe4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to design and conduct experiments (coe5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to analyze and interpret data (coe6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to design a system, component, or process to meet desired needs (coe7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to function on multidisciplinary teams (coe8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to identify, formulate, and solve engineering or computer science problems (coe9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to use the techniques and skills necessary of engineering or computer science practice (coe10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to use modern tools necessary for engineering or computer science practice (coe11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of professional and ethical responsibility (coe12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A broad education necessary to understand the impact of engineering solutions in a global and societal context (coe13)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A recognition of the need for, and ability to engage in, lifelong learning (coe14)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Thinking about your experience in your profession, how important were the following undergraduate learning experiences?

	Very important (5)	Important (4)	Moderately important (3)	Of limited importance (2)	Not important (1)	Not applicable (8)
Engineering assignments that required classroom presentations to gain good oral presentation skills (coe15)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineering assignments that required written reports to gain good report-writing skills (coe16)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineering assignments related to the knowledge of contemporary issues (coe17)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The senior design project(s) that provided an opportunity to integrate learning in major and non-major courses (coe18)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design activities throughout the program (coe19)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Coursework activities in the program as a whole that required synthesis, creativity, and open-ended thinking (coe20)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computing exercises in engineering courses (coe21)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hands-on experiences in engineering lab courses (coe22)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Do you agree or disagree that you were given enough experiences in the College of Engineering in the following areas?

	Agree (5)	Tend to agree (4)	Neither agree nor disagree (3)	Tend to disagree (2)	Disagree (1)	Not applicable (8)
Engineering assignments that required classroom presentations to gain good oral presentation skills (coe23)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineering assignments that required written reports to gain good report-writing skills (coe24)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineering assignments related to the knowledge of contemporary issues (coe25)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The senior design project(s) that provided an opportunity to integrate learning in major and non-major courses (coe26)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design activities throughout the program (coe27)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Coursework activities in the program as a whole that required synthesis, creativity, and open-ended thinking (coe28)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computing exercises in engineering courses (coe29)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hands-on experiences in engineering lab courses (coe30)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How frequently do you do each of the following?

	Very frequently (5)	Frequently (4)	Sometimes (3)	Seldom (2)	Very seldom, if ever (1)	Not applicable (8)
Attend meetings or conferences of professional societies (coe31)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Publish articles, papers, etc. for the general benefit of the field (coe32)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Upgrade your technical skills through formal courses, short courses, seminars, or self-paced instruction (coe33)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Upgrade your technical skills by reading journals/periodicals in your field or use electronic media such as the Internet for research, reference, or problem solving (coe34)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

coe35 While an undergraduate at NC State, did you take courses beyond those required in your curriculum to satisfy a personal interest or career objective?

- Yes (1)
- No (0)

Display This Question:

If Did you take courses beyond those required in your curriculum to satisfy a personal interest or career objective? Yes Is Selected

coe36 Were those courses in your major or outside of your major?

- In major (1)
- Outside major (2)
- Both (3)

coe37 What courses in your program were most useful to you and why?

coe38 What courses in your program were least useful to you and why?

coe39 Based on your experiences since receiving your bachelor's degree, what subject matter would you suggest for new courses in your discipline?

coe40 From your present perspective, are there things that we might have done better? Please describe.

coe41 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.

COEoutro1

Thank you for completing the College of Engineering Survey! Please be sure to click on the 'Next' button to submit your responses.

Depending on the major(s) in which you earned an undergraduate degree from NC State between Summer 2012 and Spring 2015, 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.