NC STATE UNIVERSITY

University Planning & Analysis
2012 Alumni Survey Insert
Department of Computer Engineering

intro The Computer Engineering Program at North Carolina State University has defined specific Program Educational Objectives that graduates are expected to attain within a few years after graduation. As part of our ABET accreditation, we must demonstrate the extent to which our graduates have attained these Program Educational Objectives since graduating from NC State. We appreciate your taking the time to answer these questions.

Q1 For each of the following Program Educational Objectives (PEO), please consider your experiences and opportunities since earning your undergraduate degree in Computer Engineering, and indicate the extent to which you have attained the objectives described.

	Not at all attained (1)	To a small extent attained (2)	To a moderate extent attained (3)	To a large extent attained (4)	To a very large extent attained (5)	Not applicable (0)
Have careers in the public, private, or academic sectors engaged in defining and solving complex problems by using their knowledge and skills of the discipline. (1)	❍	❍	❍	❍	❍	❍
Function successfully in engineering practice, research, or management in diverse fields, become leaders and mentors, serve in engineering societies, and exhibit professionalism and ethical	❍	❍	❍	❍	❍	❍

behavior. (2)						
Continue to learn through graduate or other professional education and participate in activities that introduce them to new developments in electrical and computer engineering. (3)	○	○	○	○	○	○

Q2 Please share any feedback you have on the appropriateness of the three Program Educational Objectives above. Specifically, which, if any, would you drop and why? What, if anything, is missing?

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Q3 How often have you done each of the following activities since earning your undergraduate degree?

	Never (0)	Seldom (1)	Sometimes (2)	Often (3)	Routinely (4)
Solved problems in computer engineering (1)	❍	❍	❍	❍	❍
Used technical and hands-on knowledge (2)	❍	❍	❍	❍	❍
Exercised ethical and professional responsibility (3)	❍	❍	❍	❍	❍
Prepared presentations for diverse audiences (4)	❍	❍	❍	❍	❍
Worked on a team (5)	❍	❍	❍	❍	❍
Conducted research (6)	❍	❍	❍	❍	❍
Managed others (7)	❍	❍	❍	❍	❍
Mentored others (8)	❍	❍	❍	❍	❍
Provided leadership (9)	❍	❍	❍	❍	❍

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Q4 Please indicate the number of times you have done each of the following since earning your undergraduate degree in Computer Engineering.

	Never (0)	Once (1)	Twice (2)	Three times (3)	Four or more times (4)
Attended events (e.g. networking events, product marketing fairs, career fairs) to learn about advances in my field (1)	❍	❍	❍	❍	❍
Attended a conference in my field (2)	❍	❍	❍	❍	❍
Published an article in a professional magazine or journal (3)	❍	❍	❍	❍	❍
Submitted an invention disclosure or patent application (4)	❍	❍	❍	❍	❍
Taken a short course/workshop in my field (5)	❍	❍	❍	❍	❍
Taken a short course/workshop in a field outside my formal training (6)	❍	❍	❍	❍	❍
Taken a semester-long course to broaden my knowledge in fields outside my formal training	❍	❍	❍	❍	❍

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(7) Taken a graduate course in my field (8)	○	○	○	○	○

Q5 How many different professional organizations have you been a member of since graduating?

○   0 (0)
○   1 (1)
○   2 (2)
○   3 (3)
○   4 or more (4)

Q6 Have you obtained a postgraduate certificate since graduating? (Note: This does not include any advanced degrees you might have obtained, e.g., Masters, Doctoral, etc.)

○   Yes (please specify what certificate(s) you have obtained) (1) _____
○   No (0)

Q7 Have you obtained professional licensure?

○   Yes (1)
○   No, but plan to do so in the next three years (2)
○   No, but might do so at some point in the future (3)
○   No, and do not plan on doing so (4)

Answer If Have you obtained professional licensure? No, but plan to do so in the <u>next three years</u> Is Selected

Q8 Have you reviewed any licensure preparation materials?

○   Yes (1)
○   No (0)

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outro1 Thank you for completing the Computer Engineering Program Survey! You must click on the 'submit' button in order for your responses to be saved. You will not be able to return to this survey once you submit your responses.

outro2 Thank you for completing the Computer Engineering Program Survey! You must click on the 'submit' button in order for your responses to be saved. You will then be taken to a brief survey specifically for alumni who graduated from the ${e://Field/prog2}.