

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

intro The Nuclear 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 Nuclear 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)
Solve nuclear engineering problems and applying the creative process of nuclear engineering design. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Perform nuclear engineering tasks with understanding of the professional and ethical responsibility and accountability for the social and environmental impact of nuclear engineering practices. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work on	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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interdisciplinary teams. (3)						
Apply written and oral communication skills necessary to communicate effectively with a variety of audiences. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply advances in nuclear engineering practice and research. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Continue to learn and be successful in pursuing graduate and professional education opportunities that are available. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q2 Please share any feedback you have on the appropriateness of the six 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)
Applied engineering principles and procedures (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solved real-world problems (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Designed systems, products, or processes (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Exercised ethical and professional responsibility (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Considered the social and environmental impact of decisions (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communicated with diverse audiences (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Worked on interdisciplinary teams (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Worked on a team (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Applied recent advances in the field (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Provided leadership (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Q4 Please indicate the number of times you have done each of the following since earning your undergraduate degree in Nuclear 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)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attended a conference in my field (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Published an article in a professional magazine or journal (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Submitted an invention disclosure or patent application (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taken a short course/workshop in my field (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taken a short course/workshop in a field outside my formal training (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taken a semester-long course to broaden my knowledge in fields outside my formal training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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(7) Taken a graduate course in my field (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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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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Answer If insert2 Is Equal to NONE

outro1 Thank you for completing the Nuclear 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.

Answer If insert2 Is Not Equal to NONE

outro2 Thank you for completing the Nuclear 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 $\{e://Field/prog2\}$.