

ABET-EAC Criterion 3 Outcomes

| Course Contribution | | College Outcome |
|---------------------|---|---|
| | a | An ability to apply knowledge of mathematics, science, and engineering. |
| | b | An ability to design and conduct experiments, as well as to analyze and interpret data. |
| | c | An ability to design a system, component, or process to meet desired needs. |
| | d | An ability to function on multi-disciplinary teams. |
| | e | An ability to identify, formulate, and solve engineering problems. |
| | f | An understanding of professional and ethical responsibility. |
| | g | An ability to communicate effectively. |
| | h | The broad education necessary to understand the impact of engineering solutions in a global and societal context. |
| | i | A recognition of the need for, and an ability to engage in life-long learning. |
| | j | A knowledge of contemporary issues. |
| | k | An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice. |

Additional Notes or Comments

Updated goals and topics to match university format 3/20/12

Add "permission of instructor to prereqs. 3/8/13. Also check "allow multiple enrollments per term" to agree with university version.

Make graded component independent study

Make doctoral level only 1/22/15

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