

EE and CE Program Outcomes

Approved by the ECE Faculty in March 2001, Approved by the ECE Student Advisory Board in October 2001, Ratified by the ECE Industrial Advisory Board in March 2002.

EE and CE Program graduates will have:

1. An ability to apply knowledge of mathematics, science, and engineering
2. An ability to design and conduct experiments, as well as to analyze and interpret data
3. An ability to design a system, component, or process to meet desired needs
4. An ability to function on multi-disciplinary teams
5. An ability to identify, formulate, and solve engineering problems
6. An ability to communicate effectively
7. An understanding of professional and ethical responsibility
8. The broad education necessary to understand the impact of engineering solutions in a global and societal context
9. A recognition of the need for, and ability to engage in life-long learning
10. A knowledge of contemporary issues
11. An ability to use techniques, skills, and modern engineering tools necessary for engineering practice