

| Program Outcome | Type of Assessment Data Collected | | | | | | |
|--|-----------------------------------|---------------------------------|--------------------------|--------------------------------|------------------------------|----------------|---------------|
| | Student Coursework | Professional Skills Discussions | Junior Writing Portfolio | Senior Exit Interviews/Surveys | Teaching Performance Reviews | Advisory Board | Alumni Survey |
| A. Ability to apply knowledge of mathematics, science and engineering | ■ | | | □ | □ | □ | □ |
| B. Ability to design and conduct experiments as well as analyze and interpret data | ■ | | | □ | □ | □ | □ |
| C. Ability to design a system, component, or process to meet desired needs | ■ | | | □ | □ | □ | □ |
| D. Ability to function on multidisciplinary teams | ■ | | | □ | □ | □ | □ |
| E. Ability to identify, formulate, and solve engineering problems | ■ | | | □ | □ | □ | □ |
| F. An understanding of professional and ethical responsibility | ■ | ■ | | □ | □ | □ | □ |
| G. Ability to communicate effectively in | ■ | ■ | ■ | □ | □ | □ | □ |

| | | | | | | | |
|---|---|---|--|---|---|---|---|
| written and oral formats | | | | | | | |
| H. A broad education necessary to understand the impact of engineering solutions in global, economic, and societal context. | ■ | ■ | | □ | □ | □ | □ |
| I. Recognize the need for, and have the ability to engage in life long learning | ■ | ■ | | □ | □ | □ | □ |
| J. Have a broad education and knowledge of contemporary issues | ■ | ■ | | □ | □ | □ | □ |
| K. Ability to use techniques, skills and modern engineering tools necessary for engineering practices | ■ | | | □ | □ | □ | □ |

Legend:

□ Indirect Measure was used to assess this outcome.

■ Direct Measure was used to assess this outcome.