

Student Outcomes & General Learning Outcomes

Effective Communication (Written/Oral/Reading/Listening)

- (ABET SO 5) An Ability to function effectively as a member of a technical team
- (ABET SO 3) An ability to apply written, oral, and graphical communication in well-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.

Quantitative Literacy (Includes Computational Skills)

- (ABET SO 1) An ability to apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve well defined engineering problems appropriate to the discipline.

Information Literacy (Computer Literacy) Skills

- (ABET SO 2) An ability to design solutions for well –defined technical problems and assist with the engineering design of systems, components, or processes appropriate to the discipline.

Critical Thinking Skills

- (ABET SO 4) An ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results.

Global and Diversity Awareness

- An understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity.

Civic, Professional, and Ethical Responsibility

- An understanding of the need for and an ability to engage in self-directed continuing professional development.
- A commitment to quality, timeliness, and continuous improvement