

Student Outcomes & General Learning Outcomes

Effective Communication (Written/Oral/Reading/Listening)

- (ABET attribute d) An Ability to function effectively as a member of a technical team
- (ABET attribute f) An ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature.

Quantitative Literacy (Includes Computational Skills)

- (ABET attribute b) An ability to apply a knowledge of mathematics, science, engineering, and technology to engineering technology problems that requires limited applications of principles but extensive practical knowledge
- (ABET attribute e) An ability to identify, analyze, and solve narrowly defined engineering technology problems.

Information Literacy (Computer Literacy) Skills

- (ABET attribute a) An ability to apply the knowledge, techniques, skills, and modern tools of the discipline to narrowly defined engineering technology activities.

Critical Thinking Skills

- (ABET attribute c) An ability to conduct standard tests and measurements, and to conduct, analyze, and interpret experiments.

Global and Diversity Awareness

- (ABET attribute h) An understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity.

Civic, Professional, and Ethical Responsibility

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