

EET Student Outcomes

The graduates of the Electrical Engineering Technology program at South Carolina State University should be able to demonstrate that they have:

- a. An ability to select and apply the knowledge, techniques, skills, and modern tools of the discipline to broadly-defined engineering technology activities.
- b. An ability to select and apply knowledge of mathematics, science, engineering and technology to engineering technology problems that require the application of principles and applied procedures or methodologies.
- c. An ability to conduct tests and measurements; to conduct, analyze and interpret experiments, and to apply experimental results to improve processes.
- d. An ability to design systems, components, or processes for broadly-defined engineering technology problems appropriate to program educational objectives.
- e. An ability to function effectively as a member or leader on a technical team.
- f. An ability to identify, analyze and solve broadly-defined engineering technology problems.
- g. 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.
- h. An understanding of the need for and an ability to engage in self-directed continuing professional development.
- i. An understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity.
- j. A knowledge of the impact of engineering technology solutions in a societal and global context.
- k. A commitment to quality, timeliness, and continuous improvement.