



# South Carolina State University

COLLEGE OF SCIENCE, MATHEMATICS AND ENGINEERING  
TECHNOLOGY  
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DEPARTMENT OF  
INDUSTRIAL & ELECTRICAL  
ENGINEERING TECHNOLOGY

## Student Outcomes of the IET Program

The graduates of Industrial Engineering Technology program will be able to demonstrate that they have:

- a. An appropriate mastery of the knowledge, techniques, skills, and modern tools of the Industrial Engineering Technology profession.
- b. An ability to apply current knowledge and adapt to emerging applications of mathematics, science and engineering technology skills to issues in the field of Industrial Engineering Technology.
- c. An ability to conduct, analyze and interpret experiments, and apply experimental results to improve engineering technology processes.
- d. An ability to identify, analyze and solve technical problems.
- e. An ability to apply creativity in the design of systems, components or processes appropriate to Industrial Engineering Technology program objectives.
- f. An ability to function effectively on teams and be able to assume leadership role.
- g. An ability to communicate effectively.
- h. An ability to understand professional, ethical and social responsibilities.
- i. A respect for diversity and a knowledge of contemporary professional, societal and global issues.
- j. A commitment to quality, timeliness and continuous improvement.
- k. A recognition of the need for and an ability to engage in lifelong learning.