



# South Carolina State University

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

## Program Educational Objectives of the IET Program

- Promote critical thinking and professional growth of each student to their full potential through mastery of knowledge, acquisition of skills and techniques, and use of latest tools in the field of Industrial Engineering Technology.
- Provide the graduates with strong foundation in mathematics, basic sciences and engineering technology, and the ability to apply this knowledge to solve engineering problems encountered in the practice of their chosen discipline.
- Foster the development of skills to identify, analyze, interpret, design, and solve challenging and open-ended problems by utilizing the latest technology, computer-based tools and through hands-on experiences.
- Promote an environment to develop skills to communicate effectively, both orally and in writing, ability to work as a productive member of an interdisciplinary team, and undertake leadership roles when appropriate.
- Provide broad-based education and awareness of contemporary issues necessary to recognize the societal and global impact of their professional endeavors, a sense of exploration and ability to maintain professional competence through life-long learning.