



# South Carolina State University

COLLEGE OF SCIENCE, MATHEMATICS AND ENGINEERING  
TECHNOLOGY

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DEPARTMENT OF  
CIVIL AND MECHANICAL ENGINEERING  
TECHNOLOGY AND NUCLEAR  
ENGINEERING

## Student Outcomes of the MET Program

1. An appropriate mastery of the knowledge, techniques, skills and modern tools of the Mechanical Engineering Technology profession.
2. An ability to apply current knowledge and adapt to emerging applications of mathematics, science, engineering and technology to solve Mechanical Engineering Technology programs
3. An ability to conduct, analyze and interpret experiments and apply experimental results to improve Mechanical Engineering Technology
4. An ability to apply creativity in the design of systems relating to Mechanical Engineering Technology processes appropriate to program objectives
5. An ability to function effectively on teams
6. An ability to identify, analyze and solve technical problems related to the Mechanical Engineering Technology Profession
7. An ability to communicate effectively
8. A recognition of the need for, and an ability to engage in lifelong learning
9. An ability to understand professional, ethical and social responsibilities
10. A respect for diversity and a knowledge of contemporary professional, societal and global issues and
11. A commitment to quality, timeless and continuous improvement