

MET Program Educational Objectives:

The educational objectives of the Mechanical Engineering Technology program are as follows:

1. To produce MET graduates who can work as production or Manufacturing Managers.
2. To produce MET graduates who can continue on to graduate school.
3. To produce MET graduates who can successfully work in any of the many fields and branches of the Mechanical Engineering Technology profession such as; Manufacturing, Design, Materials, CAD, etc.
4. To produce MET graduates who can become leaders and cognizant of the professional, societal and global issues facing the Mechanical Engineering Technology profession.

MET Student Outcomes:

The Mechanical Engineering Technology program students at South Carolina State University should be able to demonstrate that they have the following Student Outcomes:

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.
11. A commitment to quality, timeless and continuous improvement.