

Program Educational Objectives

ABET Definition: Program educational objectives are broad statements that describe the career and professional accomplishments that the program is preparing graduates to achieve.

Recent graduates of the ASEET program will be able to achieve the following career and professional accomplishments:

1. Work competently in technical and professional careers related to the field of Electrical Engineering Technology.
2. Communicate effectively in a professional and diverse environment.
3. Achieve recognition and/or advancement consistent with their educational achievement.
4. Continue growth in professional knowledge and skills through additional education, certification and/or licensing.

Student Outcomes

Graduates of the Associate of Science in Electrical Engineering Technology program are prepared for a broad range of technical careers by achieving the following objectives:

1. The graduate will be able to apply principles of mathematics and science to perform technical calculations and solve problems of the types commonly encountered in electrical engineering technology careers.
2. The graduate will demonstrate the ability to identify, formulate, and present creative solutions to technical problems in a variety of the specialty areas comprising electrical engineering technology.
3. The graduate will be able to function competently in a laboratory or field setting by taking measurements, operating technical equipment, critically examining experimental results, and documenting them in a manner suitable for use in process improvement.
4. The graduate will be able to use modern computational tools for problem solving, including scientific calculators, computers, and appropriate software.
5. The graduate will demonstrate the ability to communicate and function effectively with members of multi-disciplinary project teams in an academic or industrial setting.
6. The graduate will recognize the need for life-long learning as a means of maintaining and improving the skills necessary for career advancement and personal fulfillment.
7. Through exposure to contemporary worldwide social issues, the graduate will demonstrate a general knowledge of professional behavior and ethical responsibility toward employers, customers, and society.