

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, science, engineering, and technology 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, design, and present creative solutions to technical problems in a variety of the specialty areas comprising electrical engineering technology, including systems, components, or processes appropriate to the discipline.
3. The graduate will be able to function competently in a laboratory or field setting by taking measurements, operating technical equipment, critically examining and interpreting experimental results, as well as documenting them in a suitable manner.
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 apply written, oral, and graphical communication and function effectively as members of multi-disciplinary project teams in a technical or nontechnical setting.
6. The graduate will develop the skills necessary for life-long learning, including the skill to identify and use technical literature, 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.