

Bachelor of Science in Electrical Engineering Technology (BSEET)

Mission

The mission of the Bachelor of Science in Electrical Engineering Technology program is to advance student study in the field of electrical engineering. The curriculum is designed to provide a solid theoretical foundation in electric circuits, digital techniques, control systems, communications systems, microprocessors, and microcontrollers. The hands-on experience of using measurement tools and engineering software will enable students to integrate into the modern industrial environment.

Program Educational Objectives

The Program Educational Objectives (PEOs) for graduates of the South College Bachelor of Science in Electrical Engineering Technology are:

1. The graduates of the program will possess a strong technical background in electrical engineering concepts and related technology to qualify for entry level positions in industry supplemented with skills training and lifelong learning.
2. The graduates of the program will demonstrate excellent oral and written communication skills in preparation for assuming technical and managerial leadership roles throughout their career.
3. The graduates of the program will serve as a productive team member or team leader, demonstrating ethical behavior, social sensitivity, and professional responsibility.

Student Outcomes

Graduates of the Bachelor of Science in Electrical Engineering Technology program will accomplish the following outcomes:

1. Identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics.
2. Communicate effectively with a range of audiences.
3. Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
4. Perform effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
5. Produce engineering solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

BS, Electrical Engineering Technology Student Enrollment by Year

Year	BSEET Enrollment
2021	5
2022	17
2023	24

BS, Electrical Engineering Technology Degrees Conferred by Year

Year	BSEET Degrees
2023	1