ELECTRICAL ENGINEERING TECHNOLOGY, A.ENGT. (ENGINEERING)

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: Fayette, York

End Campus: Fayette, York

Program Educational Objectives

The Associate Electrical Engineering Technology program is designed to provide a curriculum that prepares students to pursue a career in the industry and to develop in their profession. Due to their experience in the Associate Electrical Engineering Technology program, within few years of graduation, we expect our graduates to have the ability to:

1. Apply analytical and empirical skills in the operation, testing, or maintenance of electrical systems.
2. Collaborate effectively in project team activities through recognizing the global, societal, and ethical contexts of their work.
3. Communicate effectively through preparation and delivery of technical and non-technical documentation and communications.

Student Outcomes

Student outcomes describe what students are expected to know and be able to do by the time of graduation. The Associate Electrical Engineering Technology program is designed to enable students to:

1. Apply knowledge, techniques, skills, and modern tools of mathematics, science, engineering, and technology to solve well-defined engineering problems appropriate to the discipline.
2. Design solutions for well-defined technical problems and assist with engineering design of systems, components, or processes appropriate to the discipline.
3. Apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature.
4. Conduct standard tests, measurements, and experiments and to analyze and interpret the results.
5. Function effectively as a member of a technical team.