Electronics Engineering Technology & Engineering Technology-Electronics Degree Programs

The Electronics Engineering Technology (EET) program offered at DeVry University campuses prepares graduates to join the work force as technical professionals in a variety of industries. DeVry University students also have the option of earning a degree online with our bachelor's degree program in Engineering Technology-Electronics (ET-E). EET and ET-E graduates play essential roles on the engineering team, typically designing and implementing hardware and software solutions to technical problems. Graduates should also possess appropriate knowledge, experience, and skills to function effectively in multidisciplinary teams, adapt to changes in technical environments throughout their careers, and progress in their professional responsibilities.

The program offers an option to complete a track in Renewable Energy Engineering Technology. Students selecting this option must declare their intention by the time they have earned 30 semester-credit hours toward their degree.

The EET program is accredited, by location[1], by the Engineering Technology Accreditation Commission (ETAC) of ABET. The online ET-E program is also accredited by ETAC of ABET. Additional information is available at *Programmatic Accreditation and Recognition.* More information about ETAC of ABET is available at www.abet.org.

Program Educational Objectives:
Program educational objectives are broad statements that describe what graduates are expected to attain within a few years of graduation. Program educational objectives are based on the needs of the program's constituencies. The EET and ET-E programs have the same Program Educational Objectives including:

- Finding employment in an electronics engineering technology related position with appropriate title and compensation.
- Achieving a successful professional career.
- Adapting to change through continuous personal and professional development.

Student Outcomes:
Student outcomes describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program. The EET and ET-E programs have the same student outcomes including:

- An ability to select and apply the knowledge, techniques, skills, and modern tools of their disciplines to broadly defined engineering technology activities.
- An ability to select and apply knowledge of mathematics, science, engineering, and technology to engineering technology problems that require the application of principles and applied procedures and methodologies.

---

[1] The EET programs at the following locations are accredited by the Engineering Technology Accreditation Commission of ABET, http://www.abet.org: Addison, Alpharetta, Arlington, Chicago, Columbus, Decatur, Folsom, Ft. Washington, Fremont, Houston, Irving, Kansas City, Long Beach, Midtown Manhattan, Miramar, North Brunswick, Orlando, Phoenix, Pomona, Sherman Oaks, Tinley Park, Westminster

- An ability to conduct standard tests and measurements; to conduct, analyze, and interpret experiments; and to apply experimental results to improve processes.
- An ability to design systems, components, or processes for broadly defined engineering technology problems appropriate to program educational objectives.
- An ability to function effectively as a member or leader on a technical team.
- An ability to identify, analyze, and solve broadly defined engineering technology problems.
- An ability to communicate effectively regarding broadly defined engineering technology activities.
- An understanding of the need for and an ability to engage in self-directed continuing professional development.
- An understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity.
- Knowledge of the impact of engineering technology solutions in a societal and global context.
- A commitment to quality, timeliness, and continuous improvement.
- An appropriate level of achievement of the body of knowledge required by the Institute of Electrical and Electronics Engineers (IEEE), as listed in the program criteria for electronics engineering technology programs contained within the ETAC of ABET *Criteria for Accrediting Engineering Technology Programs*.

EET Program Details:
Degree: Bachelor of Science in Electronics Engineering Technology (in New York, Bachelor of Technology in Electronics Engineering Technology)
Semesters: 9 full time
Minimum credit hours required for graduation: 139

ET-E Program Details:
Degree: Bachelor of Science in Electronics Technology - Engineering
Semesters: 9 full time
Minimum credit hours required for graduation: 139

Student Enrollment and Graduation data:

	ENROLLMENT	GRADUATION		
Program	Fall 2017	2014-15	2015-16	2016-17
Electronic Engineering Technology	479	248	213	184
Engineering Technology-Electronics	459	23	39	54

Notes:
- Enrollment counts include any student enrolled in the given program during any session of any Fall semester for the given year.
- Completion counts include awards conferred between July 01 and June 30 of the given academic year.
- The EET program is presently only offered at select locations. However, most coursework can be taken online.
- The ET-E is a program that offers a completely online delivery option. However, coursework can be taken at a campus where geographically possible.
- Enrollment and graduation information above for EET program is an aggregate of all locations. Enrollment and graduate numbers at individual EET program locations are lower.