Career Overview
Electronic engineering technology involves the theory and practice of applied electronics engineering, which requires a thorough knowledge of mathematics and science. PCC's associate of applied science in electronic engineering technology degree enables you to become an electronic engineering technician.

WHAT WILL I DO ON THE JOB?
An electronic engineering technician may perform a variety of tasks, including circuits and system testing; product development; prototype construction and testing; circuit and systems modification; and systems manufacturing, operation, servicing, repair and troubleshooting.

WHAT SKILLS WILL I USE ON THE JOB?
Electronic engineering technicians are expected to have good communication skills and be capable of creative problem solving, working independently and in teams. Also, electronic engineering technicians must have extensive knowledge of both the hardware and software of electronic systems.

WHO WILL HIRE ME?
Employers of electronic engineering technicians and electronic engineering technologists include research and development laboratories, electronic equipment manufacturers, semiconductor manufacturers, manufacturing and processing industries, public utilities, renewable energy companies, colleges and universities, government agencies, medical laboratories and hospitals, and electronic equipment distributors. You may find work at companies such as Intel, Axiom Electronics, Cascade Microtech, ESI, Hewlett Packard, Maxim, Micro Systems Engineering, OECO, Oregon Public Broadcasting, Radiys, Selectron, SolarWorld, Tektronix, Vestas and others.

For U.S. Department of Education gainful employment information on this program, visit: www.pcc.edu/gainful.

HOW MUCH CAN I EARN?
Electronic engineering technicians may earn between $39,000 and $56,000 depending on their level of experience.

Many companies also offer outstanding benefits, including health, dental and life insurance, retirement and education.

Getting Started
ELECTRONIC ENGINEERING TECHNOLOGY (EET) PROGRAM
For additional information about the program, visit www.pcc.edu/eet or contact:

- EET Department Chair: Sanda Williams
  971-722-4527, sanda.williams@pcc.edu
- EET Student Advising: Linda Browning
  971-722-8730, linda.browning@pcc.edu
- Engineering Office: Kathleen Harriman
  971-722-4159, engineering@pcc.edu

PCC GENERAL ADMISSION
To apply for admission to PCC, go to www.pcc.edu/admissions or visit an admissions office at any one of our three comprehensive campuses or the PCC Southeast Center.

COLLEGE EXPENSES
For the latest information on tuition and fees, visit www.pcc.edu/tuition.

Electronic Engineering Technology
Portland Community College
Sylvania Campus
Science Technology Building, Room 208
12000 SW 49th Avenue
Portland, OR 97219
971-722-4159 • www.pcc.edu/eet
All information is subject to change.
A History of Excellence, Engineering Innovation and Industry Affiliation

Employers prefer college graduates, and where and with whom you study can make a big difference in your career. For more than 40 years, PCC’s Electronic Engineering Technology (EET) Program has produced graduates whose superior skills and abilities have helped them to obtain excellent jobs and pursue advanced degrees.

Our program has the breadth of courses, strong industry affiliations and superior resources to equip you for a career in an innovative and enduring field, whether you’re returning to school for a skills upgrade or just beginning your career.

"PCC’s Electronic Engineering Technology Program empowered me with knowledge in electronics, which later allowed me to get an internship with Legacy Health Systems. The experience that I received through the program opened a new door for me. After my internship, I was hired as a Biomedical Technician at Meridian Park Hospital."

— Mioara Toma, alumna of the PCC EET Program (biomedical engineering technology option)

Academic Overview

The EET Program’s diversified courses, flexible day and evening classes and state-of-the-art facilities offer you a unique and affordable way to acquire the theoretical knowledge, practical skills and teamwork experience required to be successful in the industry. The curriculum is continuously updated to fit real-world scenarios; industry contacts advise us on the latest needs and advances, and our instructors’ advanced degrees and broad range of industry experience ensures that you receive practical, efficient and effective training.

Our electronics courses offer a balance of analog, digital and microprocessor technologies. Our labs are equipped with oscilloscopes with data acquisition capabilities and a variety of standard industrial test equipment.

Financial aid is available for eligible full- and part-time students.

**DEGREES AND CERTIFICATES OFFERED:**

PCC’s EET Program offers an associate of applied science degree in:

- **Electronic engineering technology (EET)** Technicians are employed in circuits and system testing, product development and design, prototype construction and testing, and manufacturing.

You also may specialize your degree with options in the following areas:

- **EET: biomedical engineering technology** Technicians service and maintain medical equipment and technology for hospitals, health care facilities, third party service organizations, or work for manufacturing or repair companies.

- **EET: wireless and data communications** Technicians work in many areas of the wireless and data communications industry, including radio frequency, microwave, cellular, fiber-optics, satellite, radar, commercial broadcast and data networking applications.

- **EET: renewable energy systems** Technicians work in areas including wind energy, solar power and fuel cells and others.

- **EET: mechatronics/automation/robotics** Technicians work with automated systems and have skills in mechanics, electronics, computer programming, control, fluid mechanics, instrumentation and robotics.

The EET Program also offers these certificates:

- One-year certificate in electronic engineering technology
- Less then one-year certificate in renewable energy systems

**BEFORE ENTRY INTO THE PROGRAM, STUDENTS MUST:**

- Place into Math 111 and complete Writing 121, or take the COMPASS/ASSET test and show placement into these courses. Some degree options may have additional prerequisites or requirements.
- Possess basic computer skills in the Windows operating system, word processing and spreadsheets.
- Attend an advising interview with an EET adviser.

**CAN I TRANSFER MY CREDITS TO A UNIVERSITY?**

PCC’s EET degrees and certificate credits are partially transferable to Oregon Institute of Technology, enabling you to work toward a bachelor’s degree in electronic engineering technology.

Other colleges and universities may also accept a portion of this program’s credits to apply to a four-year degree. To be certain, check with the other college or university, or contact the PCC EET Program department chair.