

## Program Educational Objectives

The Electronics Engineering Technology program at Western Washington University will prepare graduates with the technical and managerial skills necessary to enter careers in the design, application, installation, manufacturing, operation and/or maintenance of electronic systems. Graduates will

1. be able to apply mathematics, established scientific and engineering knowledge, for the development and implementation of a broad range of electronic systems
2. be knowledgeable about current technologies and be prepared to adapt to technology advances and ensure professional growth through an appreciation for lifelong learning.
3. demonstrate strong communication skills, be able to work as an individual or as a member of a team, and show the ability to work in an efficient, timely manner to meet quality and economic goals.
4. have a well rounded education in order to understand their professional and ethical responsibility and the impact of engineering solutions in a global and societal context.

Western's Electronics Engineering Technology program is accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (TAC/ABET), 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, phone 410- 347-7700.

### Formal Documentation

Website, Catalog

### Assessment

Assessment plan will include graduate and employer surveys (1yr and 3-5yr) and career placement numbers.

### Update/Revision Plan

Based on assessment data, faculty, and constituency input, the program objectives may be updated during an Industrial Advisory meeting.

### Links to ABET Outcomes

Objective	ABET Outcomes
be prepared to apply mathematics, established scientific and engineering knowledge, for the development and implementation of a broad range of electronic systems	a, b, c, d, f, A, B, C, E
be knowledgeable about current technologies and be prepared to adapt to technology advances and ensure professional growth through an appreciation for lifelong learning.	a, b, d, f, h
demonstrate strong communication skills, be able to work as an individual or as a member of a team, and show the ability to work in an efficient, timely manner to meet quality and economic goals.	e, g, k, D
have a well rounded education in order to understand their professional and ethical responsibility and the impact of engineering solutions in a global and societal context	g, i, j