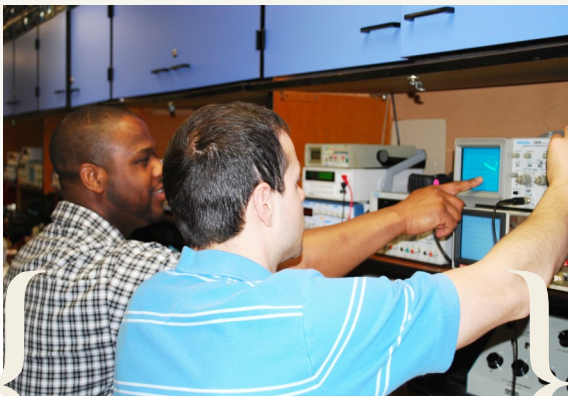


ELECTRONICS

Associate in Technical Arts
and certificate options

The Olympic College Electronics program is a certified member of the Federal Aviation Administration's (FAA) "Technical Operations-Collegiate Training Initiative Program" (TO-CTI). Only 44 colleges and universities have been accredited nationally by the FAA.



Revised: 4.24.2012

This workforce solution was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This solution is copyrighted by the institution that created it.

CONTACT US

Electronics Advisor:

Craig Seybold - 360.475.6814
E-mail: eseibold@olympic.edu

To enroll, contact the Admissions office today!

Admissions Office:

Humanities and Student Services Bldg.
Room 101, OC Bremerton
360.475.7479 or 1.800.259.6718, Ext. 7479
E-mail: prospect@olympic.edu
www.olympic.edu/ForStudents

Our Mission

We serve and enrich all our communities by providing quality education and training for all who seek to improve their lives through learning.

Please visit the web to see a description of our Vision and Values at www.olympic.edu/MVV.



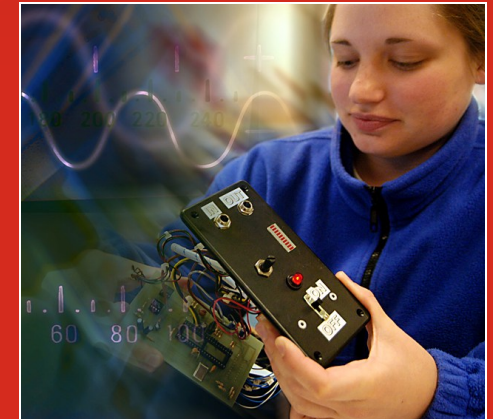
1600 Chester Avenue, Bremerton, WA 98337 - 1699
360.792.6050 or 1.800.259.6718
www.olympic.edu

Olympic College does not discriminate on the basis of race, color, national origin, sex, disability, sexual orientation, or age in its programs and activities.

OLYMPIC COLLEGE

ELECTRONICS

Associate in Technical Arts
and certificate options



*On-line and in-person
course options
offer flexibility
in scheduling.*



Start Here. **Go Anywhere.**

Electronics Career Options

The local labor market demand for workers with electronics training remains strong due to work at aerospace suppliers, the Navy Shipyard and maintenance facilities, the growing marine technical industry and the demand for consumer electronics. Electronics training prepares students for jobs as:

- Electronics Equipment Assemblers
- Electronics Installers
- Electronics Repairers
- Electronics Drafters
- Electronics Technicians
- Electronics Mechanics
- Electronics Engineers

Wages*

Steady increases are forecasted in telecommunications and other industries that hire electronics equipment mechanics, installers, and repairers. Salaries for these positions can be more than \$20 per hour.

How to Pay for College

For funding options go to www.olympic.edu/ForStudents/Funding or call 360.792.6050 for more

*Labor Market and wage data comes from the Washington State Employment Security Department. The most current information can be found at <https://fortress.wa.gov/esd/employmentdata/>

Some of the programs listed here may fall under **Gainful Employment** regulations. Please visit www.olympic.edu/GainfulEmployment for disclosure on programs that may lead to gainful employment.

PROGRAM OPTIONS**

Electronics

Associate in Technical Arts (101 credits)

Designed to prepare a student for entry in the field or industry. A student with an ATA may transfer these credits and apply them towards a Bachelor's degree in Electronic Technology at a four-year institution, such as Central Washington University, Eastern Washington University, Western Washington University or Old Dominion University.

Studies include industrial control circuits using linear integrated circuits and other solid state devices, digital circuits, microcomputer operation and languages, microprocessors, as well as studies in general industrial electronics. A complete list of required courses can be found in the Olympic College Catalog.

Certificate of Proficiency (45 Credits)

Leads to entry-level employability as an assembler, installer, or apprentice technician with the technical and manipulative skills to enter the Electronics industry.

Certificates of Recognition

- Exploring Electronics (10 credits)
- Electronics (19 Credits)

Develop skills to safely work in an electronic industrial environment and gain exposure to electrical laws for entrance and advancement into the electronics industry.

PROGRAM OUTCOMES

1. Analyze, interpret, and trace digital logic diagrams used in signal tracing of complex digital circuits.
2. Select and operate electronic test equipment during troubleshooting and repair operations with an emphasis on safety in use and accuracy in results.
3. Design and evaluate machine language programs for efficiency and effectiveness.
4. Based upon equipment troubleshooting results, research and document required replacement parts.
5. Successfully replace miniature circuit board components using industrial standard soldering/fabrication techniques.
6. Effectively communicate with and advise customers and co-workers, both written and orally, regarding the progress of and decisions made during test and repair procedures.
7. Pass industry/Federal style examinations on the theory and procedures of electronic technology.

**Source: 2012-2013 Olympic College Catalog. View the current catalog online at www.olympic.edu/catalog.