

Alternative Fuels Program

(As of January 2017, this program is inactive and is not taking any students at this time.)

Peninsula College's Automotive Technology program is designed, in consultation with the college's automotive technology advisory committee, to meet the needs of the modern-day workplace. The Alternative Fuels Certificate program is the first of its kind on Washington's North Olympic Peninsula. Emphasis is on the use of sophisticated equipment to keep automobiles operating in an environmentally sound and physically safe condition. Successful completion of this program leads to an Associate of Applied Science degree in Automotive Technology.

Degree & Certificate Options

- Automotive Technology AAS Degree
- Automotive Technology AAS-T Degree
- Alternative Fuels Certificate (inactive January, 2017)

Short-Term Proficiency Certificates

- Automatic Transmissions and Transaxles
- Automotive Heating & Air Conditioning
- Automotive Suspension & Steering
- Brakes
- Electrical/Electronics Systems
- Engine Performance
- Engine Repair
- Manual Drivetrains and Axles

Students must have a 2.0 or higher in each course associated with a short-term certificate.

Type: Professional Technical Program

Total credits for degree:

STUDENT LEARNING OUTCOMES

Upon completion of this program, students will be able to:

- Recognize unsafe situations that may occur in an automotive repair shop; identify the safety precautions that should be taken; relate the proper application of safety procedures; demonstrate safe operation of available equipment
- Demonstrate use of appropriate hand tools and a broad understanding of basic test equipment
- Apply a systematic approach; communicate effectively with owner/operators; project proper company image; demonstrate integrity/sound judgment; exhibit positive attitude/ self-esteem; exhibit initiative (self-starter); demonstrate good housekeeping, planning, and organizational skills; show attention to details
- Perform necessary technical adjustments; verify actual symptoms; demonstrate knowledge of subassembly and components; use appropriate manuals and diagnostic tools; evaluate cost of corrective actions; demonstrate ability to interpret results, apply math to solve technical problems, and use specialized equipment
- Demonstrate manual dexterity, resourcefulness, creativity, and mechanical skills; use sensory perceptions and logical approach to problem solving/troubleshooting
- Interpret and understand manuals, drawings, specifications, and procedures; demonstrate proper reading and application of technical literature; use correct terminology; complete industry ASE testing