



2009-2010
Career and Technical
Program

Science Division
(541) 463-5446

Two-Year Associate
of Applied Science
Degree

Water Conservation Technician

Purpose This degree will prepare students to enter careers in the water field as water efficiency technicians and workers, coordinators, specialists or managers or as water management specialists and technicians. The program prepares students to design, implement and evaluate water conservation programs. Upon successful completion of the program students will have the opportunity to seek professional certification.

Learning Outcomes The graduate will:

- evaluate indoor and outdoor water use patterns for rural, urban, residential and commercial sites
- recommend water efficiency measures, wise water landscapes and efficient plumbing solutions
- design, implement and evaluate water conservation programs
- convey water conservation strategies to a broad audience using multiple communication methods
- understand regional regulatory context and international code trends as they pertain to water conservation
- develop basic knowledge of water resource economics and how economics relates to supply and demand
- understand water distribution, flow and elimination systems as well as time of use
- create technical reports and collect, interpret, display and explain data
- perform systems analysis using water bills, meters and other evidence to solve problems.

Employment Trends The annual projected number of openings in Oregon is growing moderately and in the future will grow rapidly along with population growth. In addition to openings resulting from growth, the need to replace retirees or those who transfer to other occupations will provide numerous job openings. Graduates must consider the entire nation for job placement as those that do will enhance their opportunities.

Wages in Oregon range from \$32,000 to \$48,500 annually plus benefits.

Costs in Addition to Tuition (estimated)* \$800 for the Two-year degree program

*Subject to change without notice.

Program Admission Requirements A high school diploma (or equivalent) and completion of Math 070 is required for entry into the Water Conservation Technician Program along with a completed Water Program application form. This is a limited enrollment program.

Admission Information Science Department, (541) 463-4729, Bldg 16, Rm. 252/253, youngg@lanecc.edu or ebbager@lanecc.edu or advisor, lukacss@lanecc.edu or counselor, ganserd@lanecc.edu

Program Information Tammie Stark, Lane Community College Faculty, starkt@lanecc.edu, (541) 463-5451

Cooperative Education Cooperative Education is an important avenue to provide field experience to integrate theory and practice while developing skills and exploring career options. Students must complete a minimum of nine and a maximum of 18 Co-op credits. Contact Larry Scott, Science Co-op program coordinator, Bldg 19/Rm. 154, (541) 463-5458.

