The American Water Works Association has been tracking water industry trends since 1881. An aging workforce and talent attraction / retention continues to be a major concern for the water industry.

- Ranked #5 of 13: Significant Industry Challenges cited in the 2013 AWWA State of the Water Industry Report

The Water Conservation Technician program is a two-year Associate of Applied Science degree.

The program consists of an inspiring community of students and faculty dedicated to improving community water security and quality using ecologically sustainable practices.

The Program trains individuals to evaluate water use patterns; develop, implement, market and maintain conservation programs; perform public outreach; recommend water efficiency techniques; integrate alternative water sources; and perform systems analysis to solve problems.

Earn $36,000-51,000 annually while helping to create a positive change within our natural environment

As water related issues continue to increase, more voluntary and mandatory water conservation opportunities are being created that require a technical skill set like that which is offered within this program.

RAINWATER ISN'T JUST FOR TOILETS

Students stand in front of a recently designed and installed 2,500 gallon rainwater harvesting system that will be used to supply potable drinking water for livestock and vegetables at Berggren Farm.

Application or Additional Information

Roger Ebbage - Program Director
(541) 463-6160 | ebbager@lanecc.edu

Lane Community College
Downtown Campus | 101 West 10th Ave
Eugene, Oregon 97401

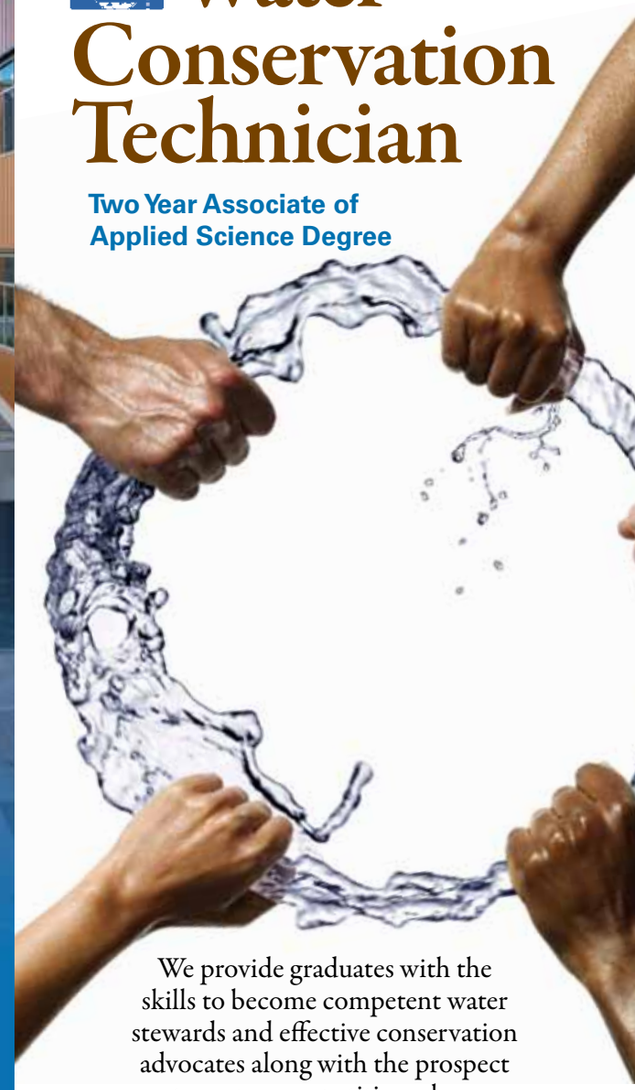
NWEEI Northwest Water & Energy Education Institute

NWEEI provides professional development opportunities throughout the Northwest, Nationally and Internationally.

www.nweei.org

Water Conservation Technician

Two Year Associate of Applied Science Degree



We provide graduates with the skills to become competent water stewards and effective conservation advocates along with the prospect to earn a competitive salary.

Lane Community College℠

Graduates Of The Program Are Able To

- Design, implement, evaluate, and market water conservation programs to a broad audience
- Evaluate water usage patterns for rural, urban, residential, and commercial sites; recommend efficiency measures as well as alternate water sources.
- Understand water distribution, flow, and elimination systems; basic hydraulics; quality issues; balance and time of use.
- Understand the many stressors to water accessibility and how they interact to affect supply and demand along with other issues.
- Monitor, collect, interpret and analyze data to evaluate effectiveness of programs and modify them over time.
- Calculate water and cost savings and produce comprehensive cost/benefit analysis reports.

Sign Up For The Program. It's Easy!

Fill out a simplified one page application. A high school diploma (or equivalent) and Math 70 (Basic Algebra) is all that is required for entry.

Additional details online at:
http://www.nweei.org

Graduates of the program are doing the important work of addressing the myriad of current and future issues related to water use, conservation, and natural resources stewardship.

Globally, water issues are at crisis levels. Nationally, water providers are scrambling to replace aging infrastructure, retiring employees and maintain quality and ecologic integrity. Western states are already experiencing an exponential increase in water-realated issues due to over-allocated surface water, decreasing snow pack trends, a doubling population by 2050 and rising pollution.

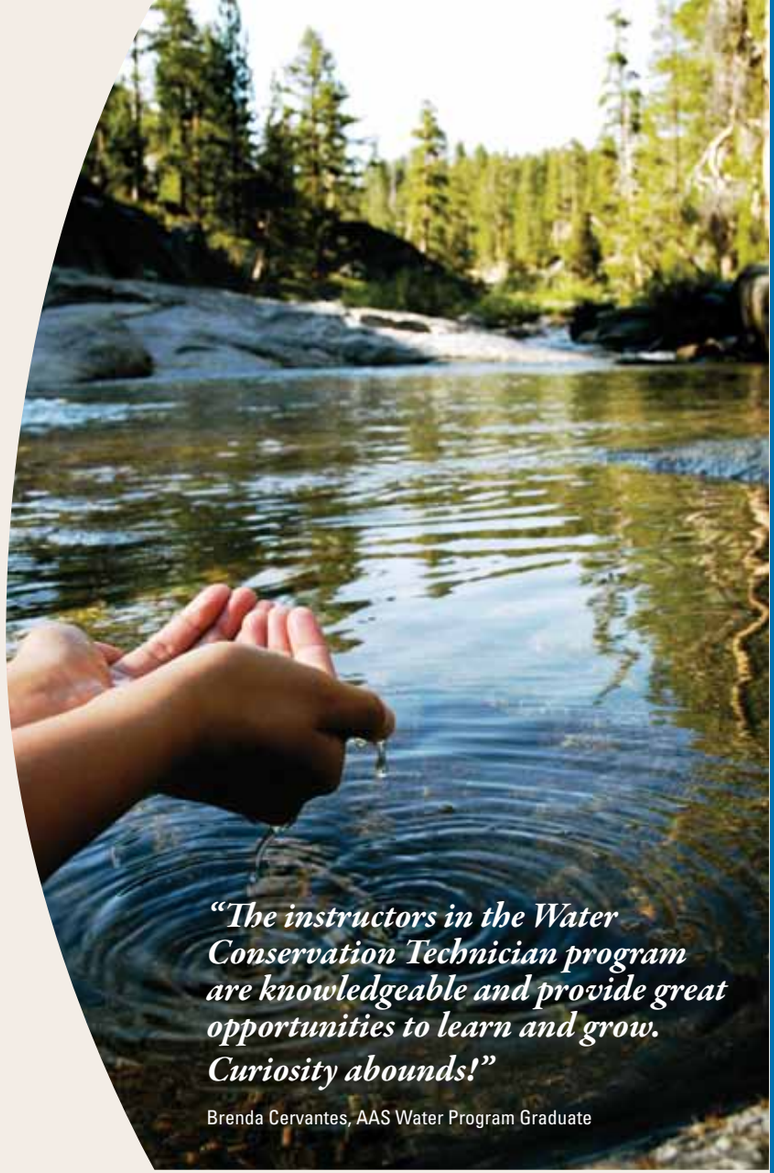
Sustainability, collaboration and interdisciplinary learning provide the foundation upon which a graduate builds skills to conserve resources and money while maintaining ecological integrity.

Some relevant job titles are:

Water Conservation
Program Specialist, Manager
Water Resource
Analyst, Specialist
Rainwater Harvesting Tech
Stormwater
Coordinator, Technician
Wastewater
Manager, Stores Supervisor, Program Analyst
Conservation Warden
Stweardship Coordinator

"The imminent crisis of Earth's shrinking water supply is building a wave of opportunities for scientific expertise, knowledge, and innovative solutions ..."

Carol Milano, May 2010 Science Journal



"The instructors in the Water Conservation Technician program are knowledgeable and provide great opportunities to learn and grow. Curiosity abounds!"

Brenda Cervantes, AAS Water Program Graduate

Note: Required Cooperative Education internships may also be taken during the summer (a maximum of 18 co-op credits).

Prerequisites are required for some courses. Up to date course descriptions are located in the Lane Community College Annual College Class Catalog.

1. Must be completed during first year.
2. Physical Education Activity/Health requirement: 3 credits total.
3. Human Relations/Social Science requirement: 3 credits total.
4. Directed electives to be arranged with program advisor.

Degree Overview

The classes listed below are subject to change.
For the most current information, see AAS degree requirements within Lane Community College's annual catalog.

YEAR 1 CLASSES

FALL TERM	CREDITS
Introduction to Water Resources	3
Microsoft Excel for Business	4
Introduction to Academic Writing	4
Water Careers Exploration	4
Geographic Information Systems (GIS) Digital Earth	3
Total	**19**

WINTER TERM	CREDITS
Introduction to Sustainability	3
Water Conservation: Indoor Residential	4
Intermediate Algebra or higher [1]	5
Technical Writing	4
Co-op Ed: Water Conservation Seminar	1
Physical Education/Health Requirements [2]	1-3
Total	**18-21**

SPRING TERM	CREDITS
Water Conservation : Outdoor	4
Introduction to Environmental and Natural Resource Economics	4
Terrestrial Environment	4
Human Relations at Work [3]	3
Physical Education/Health Requirements [2]	1-3
Total	**16-19**

YEAR 2 CLASSES

FALL TERM	CREDITS
Water Conservation: Industrial, Commercial	4
Water Conservation: Agricultural	4
Regional Water Policy	3
Co-op Ed: Water Conservation	3
Directed Electives [4]	3
Total	**17**

WINTER TERM	CREDITS
Geographic Information Systems (GIS) 1	4
Fostering Sustainable Practices	3
Co-op Ed: Water Conservation Seminar	1
Water Conservation Program Development	4
Co-op Ed: Water Conservation	3
Total	**15**

SPRING TERM	CREDITS
Integrated Water Resources Management	4
Water Mechanical Systems	4
Stormwater Best Management Practices	4
Co-op Ed: Water Conservation	3
Directed Electives [4]	3
Total	**18**