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

The program consists of an inspiring and knowledgable faculty dedicated to educating individuals on the methods 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 through this program.

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

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.

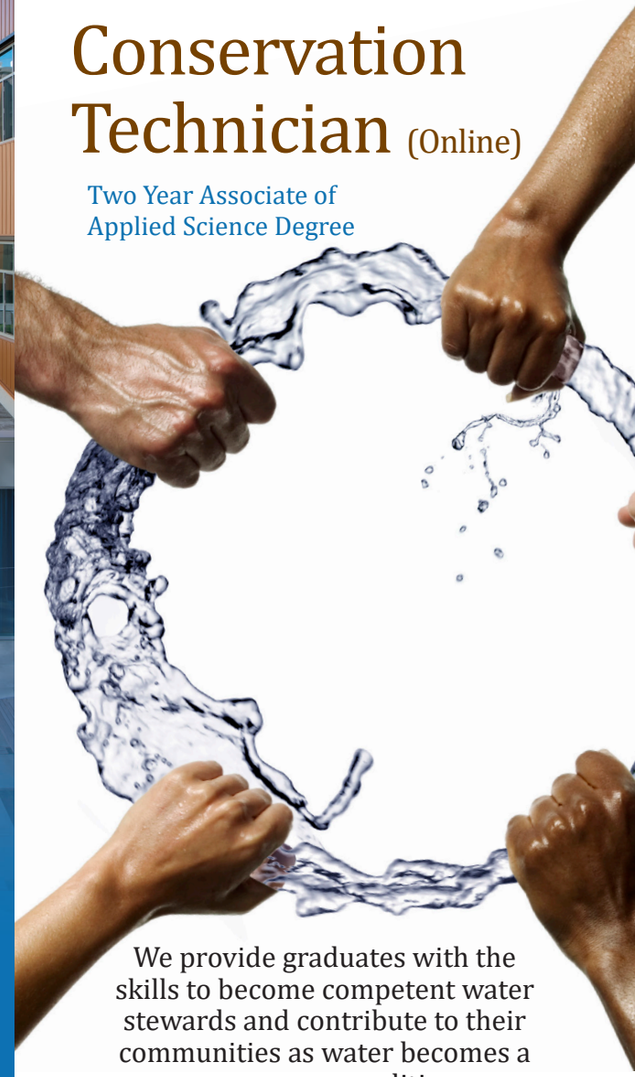
Application or Additional Information
Roger Ebbage - Program Director
(541) 463-6160 | ebbager@lanecc.edu

Online opportunities in Water Conservation
https://www.lanecc.edu/science/water-conservation-technician

This information is available in alternate formats upon request
by contacting Disability Services at (541) 463-5150 (voice), (541) 463-3079 (TTY), or disability services@lanecc.edu (email).

Water Conservation Technician (Online)

Two Year Associate of
Applied Science Degree

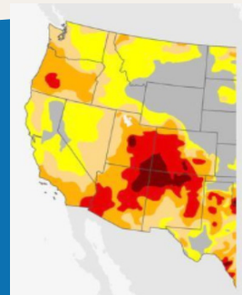


We provide graduates with the skills to become competent water stewards and contribute to their communities as water becomes a scarce commoditiy.

Lane Community College℠
ACHIEVING DREAMS

Graduates Of The Program Are Able To:

- Design, implement, evaluate, and market water conservation programs to a broad audience
- Evaluate water use 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



Data Snapshot Details: Drought Monitor

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.

"If water rates rise at projected amounts over the next five years, conservative projections estimate that the percentage of U.S. households who will find water bills unaffordable could triple from 11.9% to 35.6%." (Mack and Wrase, 2017)

Western states are already experiencing an exponential increase in water-related 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 Relavant job titles are:

Water Conservation
Program Specialist, Manager

Water Resource
Analyst, Specialist

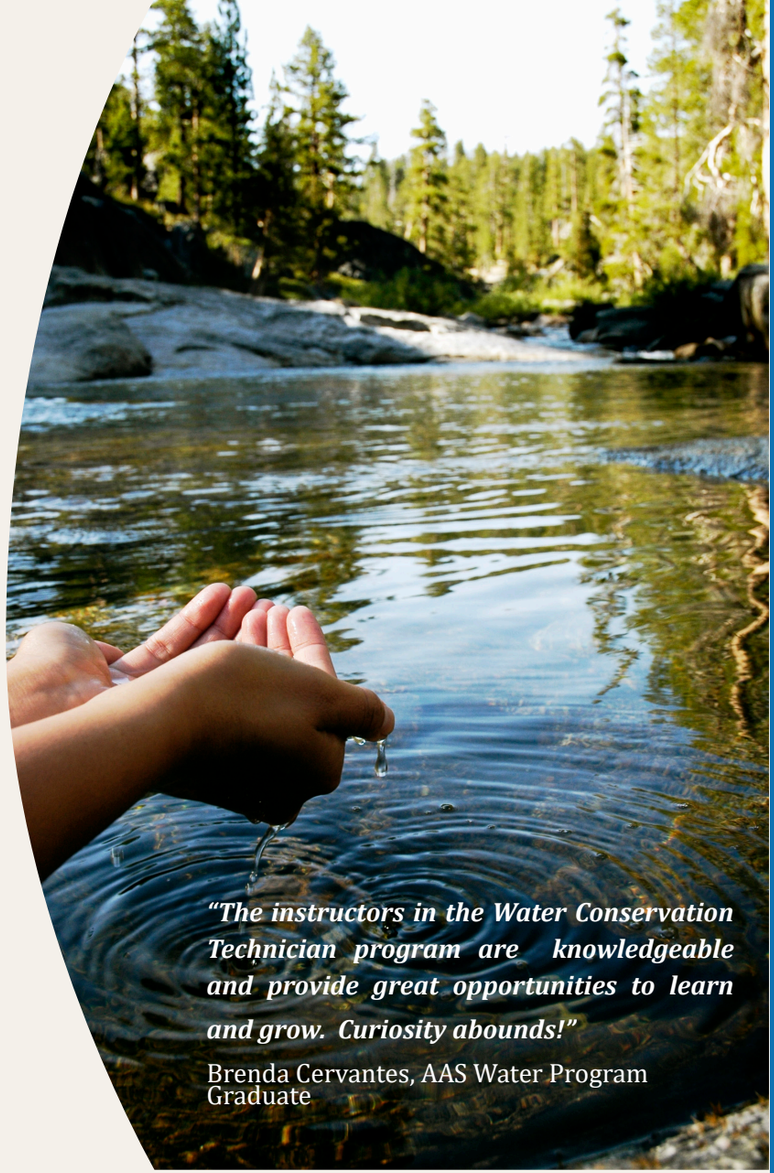
Rainwater Harvesting Tech

Stormwater
Coordinator, Technician

Wastewater
Manager, Stores Supervisor, Program Analyst

"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 6 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
Water Careers Exploration	4
Microsoft Excel for Business	4
Introduction to Academic Writing	4
General Science	4
Total	16

WINTER TERM	CREDITS
Introduction to Water Resources	3
Intermediate Algebra or higher [1]	5
Geographic Information Systems (GIS) Digital	4
Alternative Water Sources	3
Total	15

SPRING TERM	CREDITS
Water Conservation : Residential	4
Geographic Information Systems I	4
Human Relations at Work [3]	3
Aquatic Environment	4
Total	15

YEAR 2 CLASSES

FALL TERM	CREDITS
Codes & Policy	3
Regional Water Policy	3
Technical Writing	4
Water Resource Economics	4
Total	14

WINTER TERM	CREDITS
Storm Water Best Management Practices	4
Water Conservation: Industrial/Commercial	4
Water Conservation Program Development	4
Directive Electives[4]	4
Total	16

SPRING TERM	CREDITS
Fostering Sustainable Practices	3
Integrated Water Management	4
Physical Education/health Requirements[2]	3
Co-op Ed: Water Conservation	6
Total	16

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