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

The program consists of an inspiring and knowledgeable 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.

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

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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 commodity.

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).
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.

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 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

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“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

Data Snapshot Details: Drought Monitor

This program is part of a National Science Foundation Grant. #1801182