

Sacramento State Sustainability Continuing Education Programs

Note: all programs are a part of the College of Continuing Education

Environment and Sustainability

Wastewater Treatment Plant Operation Specialist Certification Program

The Wastewater Treatment Plant Operator certificate program is designed to provide students with the knowledge, skills and abilities to work in the wastewater treatment industry. This course is related to sustainability as it includes training to provide clean, environmentally friendly wastewater.

Courses Include:

- [Operation of Wastewater Treatment Plants I \(CE 38A\)](#)
- [Operation of Wastewater Treatment Plants II \(CE 38B\)](#)
- [Advanced Waste Treatment \(CE 39\)](#)

Our certificate program provides students with the skills and knowledge to:

- effectively and safely operate and maintain wastewater treatment plants
- prevent public health hazards from waterborne pathogens
- monitor wastewater treatment processes using sampling and laboratory techniques
- protect public health and the environment by producing treated water that is safe, clean, and ready for discharge to the environment or for reuse
- effectively and safely operate facilities to process wastewater for reuse and energy recovery

Water Treatment Plant Operations Specialist Certification Program

The Water Treatment Plant Operation program is designed to provide students with the knowledge, skills, and abilities to work in the water treatment industry. This course is related to sustainability as it includes training to provide safe, healthy, environmentally friendly water.

Courses include:

- [Water Treatment Plant Operation I \(CE 28A\)](#)
- [Water Treatment Plant Operation II \(CE 28B\)](#)
- [Small Water System Operation and Maintenance \(CE 29\)](#)

Our certificate provides students with the skills and knowledge to:

- train for a career as a water treatment professional, to provide the public with a reliable, safe drinking water
- identify the sources, risks, and treatment of water contaminants

- learn about technologies for removing contaminants from water, and how to effectively use them
- safely apply chemicals and processes used in water treatment
- monitor water treatment processes using sampling and laboratory techniques