

# WATER ENVIRONMENT

## CERTIFICATE OF ACHIEVEMENT

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### Description

Students interested in environmental studies, sustainability, natural resources, and related fields will be interested in this certificate. Students may be employed by businesses and governmental agencies that require a knowledge of techniques for storage, treatment, transport, and disposal of hazardous materials; a basic understanding of the chemical and biological phenomena which underlie environmental protection; and an understanding of environmental health and safety. Attaining a certificate will prepare students to enter careers in water conservation, watershed management, and water resources and groundwater or get a job in a municipality as a water conservation specialist or other water efficiency jobs. With this certificate, a student will be able to apply for the T2 or D2 Operators Certificate.

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### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Identify, describe, and define the basic principles of wastewater and collection systems and of conventional wastewater treatment plants.
2. Compare and contrast a specified number of resource recovery/alternative treatment methods.
3. Be able to pass the California licensure examination in the water industry.

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### Program Requirements:

#### Required Courses - 18 units

**Units: (18 Required)**

WTRM201	Introduction to Water, Wastewater Technology	3
WTRM202	Beginning Water, Wastewater, Distribution Math	3
WTRM217	Water Use Efficiency Practitioner	3
WTRM220	Storm Water Management for Pollution Prevention	3
WTRM233	Water Conservation	3
WTRM235	Pollution Prevention	3

**Total: 18**

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Generated on: 11/25/2025 12:23:03 PM