

# SKILL CERTIFICATE IN WATER & WASTEWATER TREATMENT

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Students completing this certificate will acquire knowledge and skills related to treating domestic drinking water and wastewater prior to disposal and/or reuse, related science and mathematics concepts, and preparing for the California Drinking Water operator Certification by the State Water Resources Control Board (Grade T1 and T2) and California State Water Resources Control Board Wastewater Operator Certification (Grade 1 and 2).

## Program Outcomes

- Achieve the educational requirements necessary associated with prerequisites for water and wastewater industry examinations and/or certification
- Demonstrate a basic understanding of water and wastewater treatment principles, and associated operations and maintenance considerations
- Demonstrate a basic understanding of water and wastewater treatment related mathematics

## Career Opportunities

Upon successful completion of this certificate, students will be prepared for educational and examination requirements prior to certification leading to employment in the following jobs: Water Treatment Plant Operator (T1 or T2), Water Distribution System Operator (D1 or D2), or Wastewater Treatment Plant Operator (OIT, Grade 1 or Grade 2).

## Program Requirements

Code	Title	Units
REQUIRED CERTIFICATE COURSES		
ITEC 220	Water Treatment Fundamentals	3
ITEC 221	Fundamentals of Wastewater Treatment	3
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TOTAL		6

The Skill Certificate requirements include completion of the certificate courses with a "C" or better grade in each course. Required and support courses may be substituted with the approval of the Industry & Technology Division Chair.