

Water Technology Certificate

Liquid blue gold! Water is one of the most important economic resources for California. Qualified water resources managers are in high demand and positions can lead to rewarding life-long careers. The program emphasizes a real-world approach to diagnostic skill building and a thorough understanding of water system theory and operations.

Please see a Pathways Counselor: Create an education plan customized to meet your needs. [Contact a Counselor](#)

Transfer Majors/Award Focus

- Water Technology, A.S., Focus: Wastewater Treatment, Water Distribution, Water Treatment
- Water Technology Certificate

GE Pattern/Units

- GE Pattern: n/a
- Total Units: 18



Program maps indicate the major coursework and recommended general education courses to fulfill your degree in 2 years (approximately 15 units/ semester or 30 units/year). Some of the courses listed may be substituted by another course. Please view these options in the official course [catalog](#).

Semester 1

9 Units

✓	COURSE	TITLE	UNIT
<input type="checkbox"/>	WATR-790	Basic Waterworks Mathematics	2
<input type="checkbox"/>	WATR-100	Introduction to Water/Wastewater Operations	1
<input type="checkbox"/>	WATR-503 or WATR-107 or WATR-520	Water Treatment Plant Operations I & II or Water Distribution I & II or Wastewater Treatment Plant Operations I & II	3
<input type="checkbox"/>	WATR-530	Environmental Laws and Regulations	3

Semester 2

9 Units

✓	COURSE	TITLE	UNIT
<input type="checkbox"/>	WATR-505 or WATR-109 or WATR-522	Water Treatment Plant Operations III, IV & V or Water Distribution III, IV & V or Wastewater Plant Operations III, IV & V	3
<input type="checkbox"/>	WATR-525	Test Procedures for Water and Wastewater	3
<input type="checkbox"/>	WATR-740	Wells, Pumps and Motors	3

Career Options

Water & Wastewater Treatment Plant & Sys Operator (SM, C, A)
 Environmental Science & Protection Technician (A, B)
 Water Resource Specialist (B M, D)
 Find more careers: msjc.emsicc.com
 Required Education: SM: some college; C: Certificate; A: Associate,
 B: Bachelor's, M: Master's; D: Doctorate



Financial Aid

Financial aid is determined by the number of credit hours you take in a semester. Maximize your financial aid by taking 12-15 units per semester.