

Water Technology

The Water Technology program at MSJC emphasizes a real-world approach to diagnostic skill building and a thorough understanding of system theory and operations. Professionalism, workplace skills and responsibilities are stressed along with safety and an awareness of hazardous materials control. Graduates are primarily employed by cities, counties, federal agencies and industry that operate and maintain water treatment, water distribution, wastewater collection and/or wastewater treatment systems. Graduates may also find employment in support roles such as equipment sales. For individuals currently working within these fields, there may be potential for salary and/or career advancement. The Wastewater Operator Certification by the state of California requires a qualified individual to 1) pass an examination administered by the State Water Resources Control Board, the American Water Works Association, or the California Water Environment Association; 2) meet the experience and/or educational minimum requirements; 3) and, submit a certification application with the applicable fee. See below for early and late Fall 2022 sections, as well as Spring 2023 sections for this program.

Associates Degree, Water Technology			
General Education	Local General Education (Option A)	Fall 2022 Early Start Section #	Fall 2022 Late Start Section #
	AREA A: ENVS-101 (3)	3025, 3036, or 3924	3023 or 3867
	AREA B1: PS-101 (3)		5093
	AREA B2: SOCI-101 (3)	1725, 3330, or 4031	1704, 4193, or 5052
	AREA C: ART-100 (3)	4122	
	AREA D1: ENGL-101 (4)	3855 or 5097	3207 or 4100
	AREA D2: ENGL-103 (3)	4096 or 4127	3256
	AREA E: LEAD-500 (3)	3938	
	AREA F: SOCI-115 (3)		3897
	AREA G: MATH-105 (4)		1697 or 1726
Total: 29 units			
Certificate, Water Technology	Major requirements	Fall 2022 Early Start Section #	Fall 2022 Late Start Section #
	WATR-500- 1 unit	1289	
	WATR-790- 2 units	3919	
	WATR-505- 3units		Offered Spring 2023
	WATR-509- 3units		Offered Spring 2023
	WATR-530- 3units	3932	
	WATR-533- 3units		Offered Spring 2023
	WATR-537- 3units	3418	
Total: 18 units			

*To earn the Associates Degree in Water Technology, students are required to complete the certificate and general education requirements. In addition to these 47 units, students are required to have a total of 60-degree applicable overall units to meet the degree requirement.