

CAREER TECHNICAL EDUCATION (CTE) TWO-YEAR PROGRAM REVIEW FOR 2024

Program: Water Sciences

Planning Year: 2024

Unit: WED

Cluster: WED

Last Year of CPPR/Voc. Ed Review: 2024

INSTRUCTIONS: CTE programs will complete and submit the below Two-Year Program Review as part of a regular two-year program review cycle (Ed Code 78016). In addition, CTE programs will complete and submit an APPW on an annual basis and an Instructional Comprehensive Program Planning and Review (CPPR) every four years according to the institutional comprehensive planning cycle for instructional programs.

California Ed Code 78016

Every vocational or occupational training program offered by a community college district shall be reviewed every two years by the governing board of the district to ensure that each program, as demonstrated by the California Occupational Information System, including the State-Local Cooperative Labor Market Information Program established in Section 10533 of the Unemployment Insurance Code, or if this program is not available in the labor market area, other available sources of labor market information, does all of the following:

1. Meets a documented labor market demand.
 2. Does not represent unnecessary duplication of other manpower training programs in the area.
 3. Is of demonstrated effectiveness as measured by the employment and completion success of its students.
- A. Any program that does not meet the requirements of subdivision (A) and the standards promulgated by the governing board shall be terminated within one year.
- B. The review process required by this section shall include the review and comments by the local Private Industry Council established pursuant to Division 8 (commencing with Section 15000) of the Unemployment Insurance Code, which review and comments shall occur prior to any decision by the appropriate governing body.
- C. This section shall apply to each program commenced subsequent to July 28, 1983.
- D. A written summary of the findings of each review shall be made available to the public.

NARRATIVE: Review your CTE program according to the following three prompts with analysis of data provided by the State: <http://www.labormarketinfo.edd.ca.gov/>.

If assistance is needed to retrieve data, please contact the Dean of Instruction for Health, Workforce and Kinesiology and Construction Technology.

Provide a written summary for each prompt. If yes, explain why and/or how. If no, explain why.

I. Meets a documented labor market demand, <http://www.labormarketinfo.edd.ca.gov/>.

According to the EED.ca.gov, here is the data for the SOC code for the Water Treatment Plant Operators occupation in San Luis Obispo County:

There are 160 currently employed in the field, with growth expectations of -6.3% in 10 years to an estimated 150. For certified operators, hourly wages begin at \$30 per hour and can exceed \$41.75 per hour.

Water and Liquid Waste Treatment Plant Workers
 (SOC Code : 51-8031)
 in San Luis Obispo County
 Operate or control an entire process or system of machines, often through the use of control boards, to transfer or treat water or liquid waste.
 Employers usually expect an employee in this occupation to be able to do the job after Long-term on-the-job training (> 12 months) .
 San Luis Obispo County is the same as San Luis Obispo-Paso Robles-Arroyo Grande MSA.

Occupational Wages [Top]						
Area	Year	Period	Hourly Mean	Hourly by Percentile		
				25th	Median	75th
San Luis Obispo-Paso Robles-Arroyo Grande MSA	2023	1st Qtr	\$35.72	\$30.03	\$34.98	\$41.75

[View Wages for All Areas](#) [About Wages](#)

Occupational Projections of Employment (also called "Outlook" or "Demand") [Top]						
Area	Estimated Year-Projected Year	Employment		Employment Change		Total Job Openings
		Estimated	Projected	Number	Percent	
San Luis Obispo County	2018 - 2028	160	150	-10	-6.3	130

II. Does not represent unnecessary duplication of other manpower training programs in the area.

While there are 5 High Schools in the County that have vocational programs, most are not able to train technicians at the level required by Business and Industry. Only Cuesta College has the facilities and the staff needed to train Water Treatment and Distribution Operators at that level in San Luis Obispo County.

III. Is of demonstrated effectiveness as measured by the employment and completion success of its students,

https://misweb.cccco.edu/perkins/Core_Indicator_Reports/Summ_CoreIndi_TOPCode.aspx

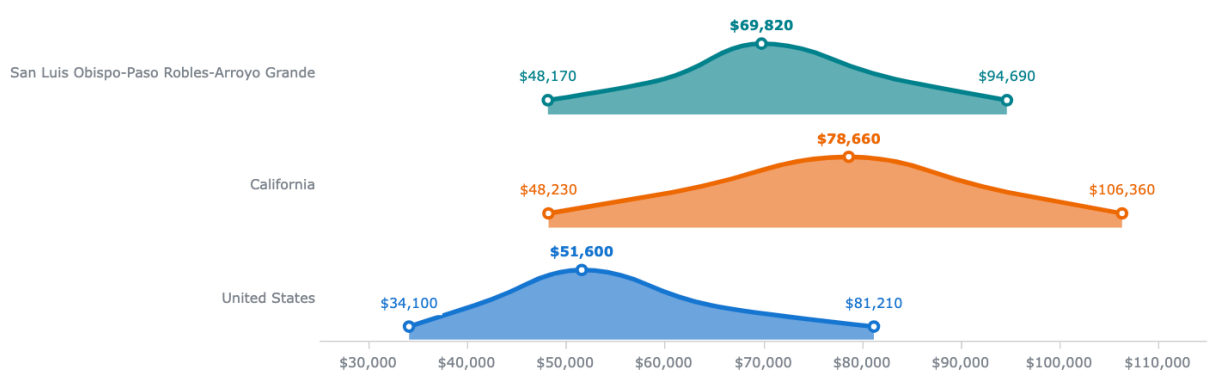
Local Wages

51-8031.00 - [Water and Wastewater Treatment Plant and System Operators](#)

Wages for state:

Wages near ZIP Code:

Annual Wages



In San Luis Obispo-Paso Robles-Arroyo Grande, CA:

- Workers on average earn **\$69,820**.
- 10% of workers earn **\$48,170 or less**.
- 10% of workers earn **\$94,690 or more**.

In California:

- Workers on average earn **\$78,660**.
- 10% of workers earn **\$48,230 or less**.
- 10% of workers earn **\$106,360 or more**.

In the United States:

- Workers on average earn **\$51,600**.
- 10% of workers earn **\$34,100 or less**.
- 10% of workers earn **\$81,210 or more**.

Source: Bureau of Labor Statistics [2022 wage data](#) [↗](#).