

**IMPERIAL VALLEY COLLEGE DISTRICT
REVIEW OF CAREER EDUCATION TRAINING PROGRAMS
2019**

WATER TREATMENT SYSTEMS TECHNOLOGY

I. Program Description

The Water Treatment Systems Technology program is designed to provide students with the comprehensive understanding and manipulative skills, technical knowledge, and related trade information required to become State-certified operator in Water Treatment and Water Distribution. This program will allow students to comply with the necessary requirements for certification up to Grade III level. Once the student becomes a state certified operator on any or all disciplines, he or she will qualify to seek employment in the Water Treatment Systems Technology disciplines anywhere in the State.

A. Degree

Associate in Science, Water Treatment Systems Technology

B. Certificate

Certificated of Achievement, Water Treatment Systems Technology

Specialization Certificate, Water Treatment Systems Technology: Wastewater Treatment Specialization

II. Career Opportunities

Water and Liquid Waste Treatment Plant and System Operators

III. Labor Market Demand

The Water Treatment Systems Technology program at Imperial Valley College meets a documented labor market demand. Employment trends for this field are derived from a variety of sources. These are listed below:

A. Employment Trends (Employment Development Department):

| Occupation | TOP Code | SOC Code | Average Job Openings per Year |
|---|----------|----------|-------------------------------|
| Water and Liquid Waste Treatment Plant and System Operators | 0958.00 | 518031 | 4 |

*Center of Excellence Imperial County Regional Labor Market Assessment 2016

IV. Other Regional Programs

There are no other similar training programs in Imperial Valley.

V. Employment (Perkins Core Indicator)

| | Job Placement |
|--|---------------|
| | 2016-2017 |
| Water Treatment Systems Technology | 75% |
| Water Treatment Systems Tech: Wastewater Treatment Specialization | 75% |

VI. Completions/Success

| | Degrees | | Certificates | |
|------------------------------------|------------------|------------------|---------------------|------------------|
| | 2017-2018 | 2018-2019 | 2017-2018 | 2018-2019 |
| Water Treatment Systems Technology | 5 | 6 | 7 | 5 |

VII. Program Evaluation (to be completed by EWD office)

The Water Technology curriculum has not been update in over 8 years and it appears deficient when compared to similar programs at other community colleges. Labor market also appears limited. This program will undergo a more comprehensive review to evaluate its appropriateness in terms of curriculum and employment opportunities.