

# WASTEWATER TREATMENT OPERATIONS CERTIFICATE OF SPECIALIZATION

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## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Wastewater Treatment Operator-2
  - Identify the characteristics and sources of municipal sewage.
- Wastewater Treatment Operator-4
  - Describe the basic principles of conventional wastewater treatment.
- Wastewater Treatment Operator-8
  - Recognize and comment on safety procedures applicable to service and operation of wastewater collection and treatment systems, including potential problems.

## Certificate Requirements

Code	Title	Units
CWS-106	Electrical & Instrumentation Processes	3
CWS-110	Laboratory Analysis for Water & Wastewater	3
CWS-114	Wastewater Treatment Plant Operations	3
Total Units		9

## Certificate of Specialization

Students who complete the requirements above qualify for a certificate in that area of emphasis. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.