

WATER DISTRIBUTION OPERATIONS CERTIFICATE OF SPECIALIZATION



Program Learning Outcomes

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

- Water Distribution System Operations-3
 - Identify drinking water public health hazards and water quality standards common to the industry.
- Water Distribution System Operations-4
 - Using calculations and conversions, determine water flow, pressure, volume, velocity and force, and chemical dosage used in water distribution systems.
- Water Distribution System Operations-6
 - Explain principles of pump operation for the types of pumps used in water distribution systems including common problems, necessary adjustments, and typical packing gland problems.

Certificate Requirements

Code	Title	Units
CWS-106	Electrical & Instrumentation Processes	3
CWS-130	Water Distribution Systems	3
CWS-134	Pumps, Motors & Valves	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.