

HIGH PURITY WATER, CERTIFICATE

Program Code: CC.HIPURITYWATER

The High Purity Water certificate program provides classes and hands-on experience with advanced water treatment methods used in the high-tech industry. The certificate program has been developed in cooperation with Intel Corporation. Based on student demand WET-125 High Purity Water Production I and WET-135 High Purity Water Production II may be offered biannually.

For information contact Matthew LaForce, 503-594-3148 or laforce@clackamas.edu

Outcomes

Program Outcomes

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

- correctly operate and maintain SCADA equipment and other instrumentation involved in the general operation of facilities where high purity water is produced;
- perform calculations related to electrical circuit operation and hydraulics;
- correctly use reverse osmosis-based equipment to manufacture high purity water.

Requirements

Course	Title	Credits
Fall Term		
MTH-082E	Math for High Purity Water	1
WET-125	High Purity Water Production I	3
WET-245	Instrumentation & Control	4
Credits		8
Winter Term		
WET-135	High Purity Water Production II	4
Credits		4
Spring Term		
WET-180	Water & Environmental Projects I	5
Credits		5
Total Credits		17

Careers

Career opportunities include:

- high-purity lab technician
- high-purity production technician