

Water Treatment Plant Operations Courses

These courses are designed to satisfy training requirements under Part 5 of the NY Sanitary Code. Under this code, all NY State Grades A, B, C, and D Water Treatment Plant Operators are required to complete a training program as a prerequisite to becoming certified.



MATH FOR WATER OPERATORS

This course or proven equivalence is strongly recommended for any of the water treatment operator courses. Instructors have limited time to assist with math review during the certification courses. As an operator, you will use math on a daily basis. This course serves as a refresher to those who may feel intimidated by basic math, algebra, and solving word problems. Six hours.

GRADE A: Topics to be covered in this course include operator qualifications and responsibilities, water quality control, coagulation, sedimentation, filtration, pH and alkalinity adjustment, iron and manganese removal, water softening and chlorination, bacteriological laboratory techniques, emergency planning, safety, hydraulics and pumps, process calculations and distribution system operation and maintenance. Twenty-seven sessions.

GRADE B: This course of study is designed for operators of plants providing treatment for disinfection by chlorination, iron and manganese removal, corrosion control, emergency planning, safety, hydraulics and pumps, process calculations, and distribution system operation and maintenance. Eighteen sessions.

GRADE C: This course of study is designed for operators of plants and/or distribution systems designed to serve 1,000 people or less. Topics include water sources, systems layout, hydraulics, disinfection, filtration, distribution system design, bacteriology, and water quality. Twelve sessions.

GRADE D: This course of study is designed for operators of distribution systems serving greater than 1000 people. Topics include pressure zones, booster stations, storage tanks, fire protection and disinfection. Nine sessions.

The precertification classes are held two nights a week from 6:00 – 9:10 pm.

Renewal opportunities also available for water and waste water operators.

For additional information call 845-687-5012 or email songayla@sunyulster.edu