



5 days
\$325.00

Course #303

Water Laboratory

Week 1

This course is a hand-on approach that combines laboratory and lecture. The student will learn proper sampling techniques, how to perform water treatment lab analyses, lab recordkeeping, and calibration and maintenance of laboratory equipment. A student study guide will be provided at the beginning of class. Please wear proper attire when working in the lab. Refrain from wearing shorts, sandals, or open-toed shoes.

It is intended for individuals who are currently working toward obtaining a certification in water treatment and for certified water treatment operators who want to have a better understanding of laboratory procedures and equipment.

General Topics

- ▶ Lab Safety
- ▶ pH
- ▶ Total Coliform & E. coli
- ▶ Free & Total Chlorine
- ▶ Turbidity
- ▶ Ortho- & Polyphosphates
- ▶ Method Update Rule
- ▶ QA/QC

Operating Experience

Grades 1, 2, 3 water treatment:
three (3) months

Grade 4 water treatment:
five (5) months

Continuing Education

Grades 1 or 2 water treatment:
six (6) hours

Grades 3 or 4 water treatment:
twelve (12) hours

Board Sanctioned Training: 30 hours