



A Non-Profit Educational Corporation

# Fundamentals of Drinking Water Treatment Course & Contact Hour Workshops Grades 1-2



- Dates:** 7-Day Course June 1 - 9, 2026 or \*\*5-Day Review June 1 - 5, 2026  
or choose individual days based on your needs. \*\*The 5-Day session is intended to be an exam review, NOT a 36-hour course. If you need a full course of instruction to meet certification/exam requirements, please register for the 7-day course or call the office at 916-640-2114 for more options.
- Time:** 8:00 a.m. to 4:00 p.m.
- Location:** 8801 Folsom Blvd., Suite 220, Sacramento, CA 95826  
\*OCT reserves the right to modify the schedule as necessary. Changes to the schedule will be communicated to all participants in a timely manner.
- Class Info:** Class credit is issued based on a combination of:  
- Chapter quizzes, Feedback, Participation, and Attendance.

### TUITION FEE SCHEDULE:

**Small water system,**  
(serving a population of 10,000 or less)  
\$140.00/day or \$910.00 full course

**Medium/Large water system,**  
(serving a population of 10,001 or more)  
\$275.00/day or \$1820.00 full course

**Tuition must be paid prior to the first day of class. A 10% cancellation fee will be charged.**

### Class Schedule

#### June 1-2, 2026: **2-Day Water Treatment Operations, Gr. 1-2** - 14 Contact Hrs./1.4 CEUs

- This class provides a basic review of all aspects of conventional surface water treatment. Operators will define conventional surface water treatment, including parameters, contaminants and their removal, hydraulic diversion coagulation, flocculation and sedimentation, filtration, chemical post-treatment and design and operation of ground water and surface water treatment systems.

#### June 3-4, 2026: **2-Day Water Treatment Math, Gr. 1-2** - 14 Contact Hrs./1.4 CEUs

- A scientific calculator is required for this math class.
- This class is a basic study of process math with an emphasis on the Step-by-step solution method, process formulas, conversions, pounds problems and volume formulas, dosage/demand/residual, simple solution problems, velocity, filtration, hydraulics and pump problems. Disinfection and sedimentation problems are taught and practiced in this class.

#### June 5, 2026: **Disinfection of Public Water Supply** - 7 Contact Hrs./0.7 CEUs

- Students will study the subject of disinfection from a summary of Federal Drinking Water Regulations to Chlorine Safety. Student will learn to identify the properties of chlorine, dosage, demand and residual problems, breakpoint chlorination, disinfection by-products (THM's), alternative disinfectants together with liquid and gas chlorination practice problems.

#### June 8, 2026: **Water Sources/Quality Parameters** - 7 Contact Hrs./0.7 CEUs

- This class serves as a condensed overview of drinking water supply sources, some water chemistry and microbiology, and the major parameters of the Safe Drinking Water Act of 1974, 1979 and successive Amendments.

#### June 9, 2026: **Pumps & Motors** - 7 Contact Hrs./0.7 CEUs

- Operators will examine types of centrifugal pumps, define pump terminology, and interpret hydraulic fundamentals, pump components, cavitation, friction energy losses, net positive suction head, pump curves, safety, trouble shooting, and pumps mathematics.



# OCT Water Quality Academy Class Registration Form



To register for a class/course, please complete this form and return via:  
 Email: info@octinc.com • Fax: 916-640- 1823 • Mail: 8801 Folsom Blvd, STE 220, Sacramento, CA 95826  
 For questions, please call Customer Service: 916-640-2114 or 866-266-0028

**Student Information:**

Name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Street Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_

**I am taking this class for:**

Review for exam (Test Date \_\_\_\_\_)  
 Need credit/CEUs for license renewal  
 Get started in the industry  
 Educational Purposes  
 Other (Please specify below)  
 \_\_\_\_\_

Date of Class(es)	Title of Class(es)	Price
<b>Total</b>		

Requesting tutoring for classes listed above

Scientific calculators (required for math) \$15.00

**Please choose all that apply to you:**

Caucasian/White  
 Black/African American  
 American Indian/Alaska Native  
 Native Hawaiian/Other Pacific Islander  
 Hispanic/Latino  
 Asian  
 Other  
 Prefer not to disclose

**Please select your age and gender:**

18 – 25	Male
26 – 35	Female
36 – 45	Prefer not to say
46 – 55	
56 - 65	
Prefer not to say	

**Payment Information:**

PO#: \_\_\_\_\_  
 CC#: \_\_\_\_\_  
 Expiration Date: \_\_\_/\_\_\_ Security Code: \_\_\_\_\_  
 Email Address for Receipt: \_\_\_\_\_

Small Water System (serves less than 10,000)  
 Med. – Lg. Water System (serves 10,000+)

Fed I.D. # 20-8547253

**Do you need special accommodations to attend this class? Yes No**

**If yes, how can we help?**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Demographic information is being collected for the sole purpose of determining if intended audiences are being reached through grant programs in conjunction with the USDA Rural Development. Responses have no effect on class enrollment. OCT Water Quality Academy admits students of any race, color, national and ethnic origin to all the rights, privileges, programs and activities generally accorded or made available to students at the school. It does not discriminate on the basis of its educational policies, admissions policies and other school administered programs.