



ACADEMY OF WATER EDUCATION

Water Treatment O&M

2010 Class Schedule



The Academy of Water Education is the on-site training center of the California Rural Water Association. Our field-experienced instructors know the ins and outs of being an operator and bring their practical knowledge to the classroom. Courses are taught in classroom and hands-on workshop settings. Our approach is unique and takes the learning experience from theoretical to practical.

Class Schedule: Sign-in is 7:45am on Monday. Class is Monday-Thursday 8am-5pm, and Friday 8am-12pm. Lunch provided daily.

Contact Hours: Students will earn 36 CDPH Water Contact Hours or 3.6 IACET Continuing Education Units. Please see ♦ below.

Class Information: This course prepares students to take the Grade 1 or Grade 2 Water Treatment Operator exam.

This course also satisfies the 36 hour (3-unit) specialized training requirement for the Grade 2 WT Exam and Grade 2 Distribution Exam.

There are no prerequisites for this course. Class materials and a calculator with a ten-digit display will be provided.

Tuition Assistance: Operators who qualify for the CPS Expense Reimbursement Grant may list their ERG# below in lieu of payment for this course*. For more information, please contact CPS at (866) 867-3594 or www.cps.ca.gov/tlc/sws/. Please be advised that students using an ERG# who do not attend all class hours will owe CRWA a balance for their tuition.

Upon successful completion of class, students will be able to:

1. Calculate square feet, cubic feet, volume, conversion of flows, pounds formula, mg/l, flow, and head.
2. Summarize the hydrologic cycle, its sources and characteristics.
3. Explain the difference between coagulation and flocculation.
4. Relate the factors that affect sedimentation.
5. Identify the two types of filtration processes and the four specific classes of filtration.
6. Identify the importance of softening and stabilizing.
7. Demonstrate the ability to calculate water hardness.
8. Explain the purpose of disinfection and the factors that influence disinfection.
9. Describe the safety tips for handling chlorine gas cylinders.
10. Calculate velocity and water pressure.
11. Define detention time and calculate the formula for detention time.



Register now!

Please select a class: February 8-12 May 10-14 August 16-20 November 15-19

Attendee Name: _____ Current WT Grade: _____

System/Company Name: _____ Taking WT exam? _____

System/Company Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ FAX: _____ Email: _____

CRWA Member (\$900 for 5-day class) Non-Member (\$1100 for 5-day class) Payment Total: \$ _____

Check to follow in mail (payable to CRWA) Credit Card (print info below) *CPS ERG#: _____

Credit Card #: _____ Expiration Date: _____

Authorized Signature: _____

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California Rural Water Association is a 501(c)(6) non-profit organization dedicated to serving rural water and wastewater systems with specialized training and on-site technical assistance. For more information, visit us online at www.calruralwater.org! We will send a class confirmation and map within 2 weeks of class date. Cancellations must be received at the CRWA office in writing at least three days prior to the event in order to receive a refund. A processing fee of \$25 per student will be deducted from all refunds. Please let us know if any registrant requires special accommodations for disabilities. If you have questions, please call (800) 833-0322.

♦ **Continuing Education & Contact Hours:** Students must attend all 36 hours of class and pass the final exam with a grade of 70% or better to earn 3.6 IACET Continuing Education Units. Those with partial attendance or not passing the final exam will earn 1 DHS water contact hour for each hour of class attended. Certificates of completion will be mailed to students within 15 business days after class. A copy of all student records will be kept at the CRWA office and made available to students upon request.

**To register, FAX this form to 916-553-4904
or mail to CRWA, 4125 Northgate Blvd, Sacramento, CA 95834.**