

# WATERWORKS OPERATOR CERTIFICATION PROGRAM

## SELF-PACED STUDY APPROVED COURSE LIST

### **DEFINITION OF SELF PACED TRAINING:**

Self-Paced Training is defined as independent, unmonitored learning completed at the student's own pace.

### **HOW TO ENROLL IN SELF-PACED TRAINING:**

You must contact the sponsor directly for enrollment procedures and information. Contact information is found on the approved list in the following pages.

### **APPROVED CEU AMOUNT:**

The self-paced courses listed on the following page have been evaluated and meet DOH criteria for the Waterworks operator professional growth requirement. CEU accepted for successful completion of each course is listed. Note that the CEU amount listed may be different than the CEU amount awarded by the sponsor.

### **REQUIREMENTS FOR CEU RECORDING:**

Only Self-Paced Training found on the following Approved Course List or courses completed for college credit through an accredited college or university may be applied towards the Waterworks operator professional growth requirement.

### **NOT ACCEPTED FOR CEU RECORDING:**

Self-Paced Training submissions will be denied without further review if any of the following occurs:

- Training is not found on the approved course list below
- Student failed to use an exam monitor where required
- Student failed to use an impartial 3<sup>rd</sup> party as the exam monitor
- Training has been repeated
- Incomplete submissions

### **REPEAT TRAINING POLICY:**

No CEU will be awarded to repeated Self-Paced Training courses, regardless of reporting period.

### **COLLEGE COURSES:**

Self-Paced study that is offered for college credit through an accredited college or university and meets the established professional growth relevancy criteria and may also be approved. Please review the [Distance Education Approval and Examination Procedure](#) for more information about completing a relevant course for college credit.

### **EXAM MONITER:**

The Department of Health requires that all approved self-paced study, where successful completion is determined by passing an examination, have a monitored, closed book examination. Both the exam monitor and the student must submit a signed [Declaration Form](#) affirming that all examinations have been completed in accordance with the [Examination Procedure](#). Refer to the course list on the following pages to determine the exam monitor requirements for each course.

### **HOW TO SUBMIT COMPLETED SELF PACED TRAINING:**

You must submit your training documents to Washington Certification Services once you have successfully completed your self-paced training. To submit these documents, e-mail a completed [Self-Paced Training Submittal Form](#) along with your certificates of completion, and a [Declaration of Exam Monitoring](#), if applicable, to [SubmittalsWCS@greenriver.edu](mailto:SubmittalsWCS@greenriver.edu).

## APPROVED SELF-PACED STUDY COURSE LIST

American Water College  
PO Box 152  
Valley Mills TX 76689

Phone: 253-232-0832  
Web: [www.americanwatercollege.org](http://www.americanwatercollege.org)

Course Title	Course Format	CEU Approved	Monitored Exam Required?
Advanced Water Math	Online	1.4	No
Basic Water Math	Online	0.8	No
Distribution Exam Preparation Grade 1	Online	3.0	No
Distribution Exam Preparation Grade 2	Online	3.0	No
Distribution Exam Preparation Grade 3	Online	3.2	No
Distribution Exam Preparation Grade 4	Online	3.2	No
Distribution Math	Online	0.6	No
Distribution System Basics	Online	3.6	No
Distribution System Review	Online	3.0	No
Distribution System Review (4 hours)	Online	0.4	No
Distribution System Review (8 hours)	Online	0.8	No
Distribution System Review (12 hours)	Online	1.2	No
Distribution System Review (16 hours)	Online	1.6	No
Water Treatment Basics	Online	3.6	No
Water Treatment Exam Preparation Grade 1	Online	2.4	No
Water Treatment Exam Preparation Grade 2	Online	3.2	No
Water Treatment Exam Preparation Grade 3	Online	3.4	No
Water Treatment Exam Preparation Grade 4	Online	3.5	No
Water Treatment Review (4 hours)	Online	0.4	No
Water Treatment Review (8 hours)	Online	0.8	No
Water Treatment Review (12 hours)	Online	1.2	No
Water Treatment Review (16 hours)	Online	1.6	No

American Water Works Association  
794-7711  
6666 West Quincy Avenue  
Denver, CO 80235

Phone: 800-926-7337  
FAX: 303-347-0804  
Web: [www.awwa.org](http://www.awwa.org)

Course Title	Course Format	CEU Approved	Monitored Exam Required?
Risk & Resilience of Water and Wastewater Systems EL262	Online	0.4	No
Water Supplies and Demand Management EL155	Online	0.5	No
Water Treatment Operator Level 1	Online	6.0	Yes
Water Treatment Operator Level 2	Online	6.0	Yes

A.Y. McDonald Mfg. Co.  
4800 Chavenelle Road  
Dubuque, IA 52002

Phone: 800-926-7337  
E-mail: [aellinor@aymcdonald.com](mailto:aellinor@aymcdonald.com)  
Web: [www.aymcdonald.com](http://www.aymcdonald.com)

<b>Course Title</b>	<b>Course Format</b>	<b>CEU Approved</b>	<b>Monitored Exam Required?</b>
Water Works - Introductory	Online	0.3	Yes
Water Works - Intermediate and Advanced	Online	0.5	Yes

California State University, Sacramento Office of Water Programs Modoc Hall Suite 1001 6000 J Street Sacramento, CA 95819-6025	Phone: 563-584-7311 Ext. 5383 E-mail: <a href="mailto:wateroffice@owp.csus.edu">wateroffice@owp.csus.edu</a> Web: <a href="https://www.owp.csus.edu">https://www.owp.csus.edu</a>
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<b>Course Title</b>	<b>Course Format</b>	<b>CEU Approved</b>	<b>Monitored Exam Required?</b>
Manage for Success: Effective Utility Leadership Practices, 1st Ed.	Correspondence	4.2	Yes
Manage for Success: Effective Utility Leadership Practices, 2nd Ed.	Correspondence	2.8	Yes
Small Water System Operation & Maintenance 6th Ed.	Correspondence	9.0	Yes
Small Water Systems Video Information Series	Online	2.0	Yes
Utility Management	Correspondence	1.3	Yes
Water Distribution System O&M 7 <sup>th</sup> Ed.	Correspondence	9.4	Yes
Water Treatment Plant Operation Vol. I 7 <sup>th</sup> Ed.	Correspondence	5.1	Yes
Water Treatment Plant Operation Vol. II 7 <sup>th</sup> Ed.	Correspondence	10.5	Yes
102-C Math Applications in Water Treatment	Online	2.1	Yes
103-C Math Applications in Water Distribution	Online	1.9	Yes
WAT 702A – Small Water/Wells	Online	1.3	Yes
WAT 702B – Small Water/Treatment Plants	Online	1.3	Yes
WAT 702C – Small Water/Disinfection	Online	1.1	Yes
WAT 702D Small Water Systems: Safety and Introduction to Small System Management	Online	2.2	Yes
WAT 702E Small Water Systems: Laboratory Procedures	Online	2.1	Yes
WAT 703-A Water Distribution System: Safety	Online	1.8	Yes
WAT 703B – Water Distribution/Distribution Facilities	Online	1.6	Yes
WAT 703C – Water Distribution/Disinfection	Online	1.8	Yes
WAT 703D – Water Distribution/Operation & Maintenance	Online	0.8	Yes
WAT 703-E Water Distribution System: Management	Online	1.7	Yes
Water Systems O & M Video Training Series	Video/Manual	1.5	Yes

CEU Plan P.O. Box 10355 Brooksville, FL 34602	Phone: 352-754-1259 Web: <a href="http://www.ceuplan.com">www.ceuplan.com</a>
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<b>Course Title</b>	<b>Course Format</b>	<b>CEU Approved</b>	<b>Monitored Exam Required?</b>
Analytical Chemistry Techniques	Online	0.3	No
Basic Chemistry	Online	1.0	No
Basic Operations and Responsibilities for W & WW Operators	Online	0.8	No
Chemistry Made Easy for Operators	Online	1.0	No
Common Pitfalls in Chemical Feed	Online	0.4	No

Corrective Preventive Maintenance: Complete Series	Online	0.8	No
Corrosion Management	Online	0.4	No
Disinfection Alternatives	Online	0.4	No
Distribution Issues Facing 2023	Online	0.6	No
Drinking Water Laboratory Practices	Online	1.0	No
Emerging Waterborne Pathogens	Online	0.3	No
Field Testing a Reduced Pressure Principle Backflow Prevention Device – 3 Valve Test Kit	Online	0.3	No
Ground Water System Operations	Online	0.4	No
Hazardous Material Effects to Human Health	Online	0.4	No
Hot Topics in Basic Operations for 2024	Online	0.6	No
Introduction to Basic Microbiology & Parasites	Online	0.6	No
Laboratory Safety	Online	0.5	No
Lead and Copper – Rule, Application, and Studies	Online	0.5	No
Pipe, Valves & Fittings, An Introduction	Online	0.4	No
Piping System for Water Operators & Distribution	Online	0.6	No
Principles of Chlorination & Dichlorination	Online	0.3	No
Quickie Review for Water Operations - Hot Topics 2025	Online	0.6	No
SCADA & HMIs, Introduction to	Online	0.3	No
Toxic & Hazardous Material Handling Procedures	Online	0.4	No
Water Treatment Techniques	Online	1.0	No

Evergreen Rural Water of Washington (ERWOW)  
P.O. Box 2300  
Shelton, WA 98584

Phone: 360-462-9287  
Web: [www.erwow.org](http://www.erwow.org)  
E-mail: [thunter@erwow.org](mailto:thunter@erwow.org)

Course Title	Course Format	CEU Approved	Monitored Exam Required?
Basics Water Works	Online	1.3	Yes
Corrosion Control Treatment Optimization	Online	1.3	Yes
Disinfection By-Products	Online	2.0	Yes
Drinking Water Filtration A-Z	Online	1.6	Yes
Maintaining Water Quality in Distribution Systems	Online	2.1	Yes
Math Basics	Online	0.9	Yes
Math Review	Online	0.9	Yes
Small Water Systems 1	Online	1.1	Yes
Surface Water Production 1	Online	2.2	Yes
Surface Water Production 2	Online	2.4	Yes
Surface Water Treatment	Online	1.0	Yes

Jacobs Engineering Group, Inc.  
2020 SW Fourth Ave, Ste 300  
Portland, OR 97201

Phone: 480-771-9300

Course Title	Course Format	CEU Approved	Monitored Exam Required?
Level 1 Water Operator Course	Online	1.7	No

Technical Learning College  
P.O. Box 3600

Phone: 480-771-9300  
Website: [www.abctlc.com](http://www.abctlc.com)

Chino Valley, AZ 86323

Course Title	Course Format	CEU Approved	Monitored Exam Required?
Backflow Awareness (11/1/2012)	Correspondence	1.0	Yes
Chemical Contaminants 201	Correspondence	1.6	Yes
Chlorine and Disinfection (9/1/2012)	Correspondence	3.0	Yes
Distribution Basics (10/13/2011)	Correspondence	1.0	Yes
Pumps and Motors (11/1/2012)	Correspondence	2.0	Yes
Water Treatment (10/13/12)	Correspondence	1.0	Yes
Waterborne Diseases (11/1/2012)	Correspondence	4.0	Yes

U.S. Environmental Protection Agency  
The Cadmus Group  
3100 Claredon Boulevard  
Arlington, VA 22201

Phone: 703-247-6121  
Web: [www.cadmusgroup.com](http://www.cadmusgroup.com)

Course Title	Course Format	CEU Approved	Monitored Exam Required?
Responding to a Water Contamination Event – 3 Part Series	Webinar	0.3	Yes

WA Utilities & Transportation Commission  
621 Woodland Square Loop SE  
Lacey, WA 98503

Phone: 360-529-9262

Course Title	Course Format	CEU Approved	Monitored Exam Required?
Underground Utility Locator Training Online	Online	0.3	Yes

Water LMS  
1234 North Market Blvd  
Sacramento, CA 95834

Phone: 916-553-4904  
Web: [www.waterlms.com/learn/home](http://www.waterlms.com/learn/home)

Course Title	Course Format	CEU Approved	Monitored Exam Required?
AWIA – America’s Water Infrastructure Act	Online	0.3	No
[ACR] Centrifugal Pump Components	Online	0.3	No
Chlorine O&M Learning Plan	Online	1.4	No
Distribution System Construction Learning Plan	Online	1.7	No
Distribution System Learning Plan	Online	1.4	No
Electrical Systems Learning Plan	Online	1.3	No
[ACR] Electrical: Power Systems	Online	0.3	No
[ACR] Electrical: Troubleshooting Electrical Problems	Online	0.1	No
Fire Hydrant and Valves Learning Plan	Online	0.3	No
Hydraulics for Water & Wastewater Operators Learning Plan	Online	1.1	No
Hazardous Waste Management	Online	1.0	No
[ACR] Hydraulics: Flow in Closed Conduits	Online	0.4	No
[ACR] Pumps and Pumping	Online	1.8	No
Utility Management Learning Plan	Online	0.8	No
Water Treatment Certification Review 1-2	Online	1.4	No
Water Distribution Certification Review 1-2	Online	1.6	No

Water Sources Learning Plan	Online	0.9	No
University of Florida TREEO Center 3900 S.W. 63rd Boulevard Gainesville, FL 32608		Phone: 352-392-9570 Web: www.treeo.ufl.edu	
<b>Course Title</b>	<b>Course Format</b>	<b>CEU Approved</b>	<b>Monitored Exam Required?</b>
Water Treatment Plant Operations Class C & B	Online	14.4	Yes
Zarathom Online Training P.O. Box 5190 Norco, CA 98260		Phone: 884-927-2846 Web: https://zarathom.com	
<b>Course Title</b>	<b>Course Format</b>	<b>CEU Approved</b>	<b>Monitored Exam Required?</b>
3 Hour Treatment Course #1	Online	0.3	No
3 Hour Treatment Course #2	Online	0.3	No
3 Hour Regulation Course	Online	0.3	No
3 Hour Water Quality Course	Online	0.3	No
3 Hour Distribution Course #1	Online	0.3	No
3 Hour Distribution Course #2	Online	0.3	No
3 Hour Distribution Course #3	Online	0.3	No
3 Hour Distribution Course #4	Online	0.3	No
3 Hour Source Water Course	Online	0.3	No
3 Hour Math Course #1	Online	0.3	No
3 Hour Math Course #2	Online	0.3	No
3 Hour Safety Course	Online	0.3	No