

**WATERWORKS OPERATOR CERTIFICATION PROGRAM**  
**SELF-PACED STUDY APPROVED COURSES**  
Revised May 2023

Operators enrolling in any approved distance education course must follow the Department of Health's (DOH) [\*Self-Paced Study Approval and Examination Procedure\*](#). To ensure that the Self-Paced Study course you are taking will be accepted toward the waterworks professional growth requirement in Washington, contact us at 253-288-3357 for approval prior to enrolling in any type of self-paced study course.

**The Department requires that certain approved Self-Paced Study courses, where successful completion is determined by passing an examination, have a monitored, closed book examination.** Monitored exam requirements are indicated on the list of approved courses. Both the examination monitor and the student must submit a signed declaration affirming that all examinations have been completed in accordance with this procedure. A copy of the procedure and required forms are available online at [www.wacertservices.org](http://www.wacertservices.org).

The Self-Paced Study courses listed on the following page are the only courses that have been evaluated and meet DOH criteria for waterworks operator education and professional growth requirements. Continuing Education Units (CEU) accepted for successful completion of each course is listed. You must contact the sponsor directly for order and enrollment information.

<b>REMEMBER - CEU accepted for some courses in Washington may be different than the CEU awarded by the sponsor.</b>
---

**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 may also be approved. Please review the [\*Self-Paced Study Approval and Examination Procedure\*](#) for more information about completing a relevant course for college credit.

**APPROVED SELF-PACED STUDY COURSE LIST  
JUNE 2021**

American Water College PO Box 152 Valley Mills TX 76689		Phone: 254-232-0832  Web: <a href="http://www.americanwatercollege.org">www.americanwatercollege.org</a>	
<b>Course Title</b>	<b>Course Format</b>	<b>CEU Approved</b>	<b>Monitored Exam Required?</b>
Distribution System Review	Online	3.0	Yes

American Water Works Association 794-7711 6666 West Quincy Avenue Denver, CO 80235		Phone: 800-926-7337 or 303-794-7711  FAX: 303-347-0804 Web: <a href="http://www.awwa.org">www.awwa.org</a>	
<b>Course Title</b>	<b>Course Format</b>	<b>CEU Approved</b>	<b>Monitored Exam Required?</b>
Water Treatment Operator Level 1	Online	6.0	Yes
Water Treatment Operator Level 2	Online	6.0	Yes
Water Treatment Operator Level 3	Online	6.0	Yes
Risk & Resilience of Water and Wastewater Systems EL262	Online	0.4	No

California State University, Sacramento Office of Water Programs Modoc Hall Suite 1001 <a href="mailto:wateroffice@owp.csus.edu">wateroffice@owp.csus.edu</a> 6000 J Street Sacramento, CA 95819-6025		Phone: 916-278-6142 FAX: 916-278-5959 E-Mail:  Web: <a href="http://www.owp.csus.edu">www.owp.csus.edu</a>	
<b>Course Title</b>	<b>Course Format</b>	<b>CEU Approved</b>	<b>Monitored Exam Required?</b>
Small Water System Operation & Maintenance 6 <sup>th</sup> Ed.	Correspondence	4.6	Yes
Small Water Systems Video Information Series	Video/Manual	2.0	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 702-D Small Water Systems: Safety and Introduction to Small System Management	Online	2.2	Yes
WAT 702-E 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	1.4	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>		
--	--	--	--

Course Title	Course Format	CEU Approved	Monitored Exam Required?
Analytical Chemistry Techniques	Online	0.3	Yes
Basic Chemistry	Online	1.0	Yes
Common Pitfalls in Chemical Feed	Online	0.4	Yes
Corrective Maintenance	Online	0.8	Yes
Corrosion Management	Online	0.4	Yes
Disinfection Alternatives	Online	0.4	Yes
Emerging Waterborne Pathogens	Online	0.3	Yes
Ground Water System Operations	Online	0.4	Yes
Hazardous Material Effects to Human Health	Online	0.4	Yes
Introduction to Basic Microbiology & Parasites	Online	0.6	Yes
Laboratory Safety	Online	0.5	Yes
Pipe, Valves & Fittings, An Introduction	Online	0.4	Yes
Principles of Chlorination & Dechlorination	Online	0.3	Yes
SCADA & HMIs, Introduction to	Online	0.3	Yes
Field Testing a Reduced Pressure Principle Backflow Prevention Device – 3 Valve Test Kit	Online	0.3	Yes
Toxic & Hazardous Material Handling Procedures	Online	0.4	Yes
Water Treatment Techniques	Online	1.0	Yes

Evergreen Rural Water of Washington P. O. Box 2300 Shelton, WA 98584	Phone: 360-462-9287 Web: <a href="http://www.ervow.org">www.ervow.org</a> E-Mail: <a href="mailto:thunter@ervow.org">thunter@ervow.org</a>		
--	--	--	--

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

<p>Technical Learning College  P. O. Box 3060  Chino Valley, AZ 86323</p> <p>Phone: 928-468-0665  FAX: 928-468-0675  E-Mail: <a href="mailto:info@tlch2o.com">info@tlch2o.com</a>  Web: <a href="http://www.abctlc.com">www.abctlc.com</a></p>			
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
<p>U. S. Environmental Protection Agency  The Cadmus Group  3100 Clarendon Boulevard  Arlington, VA 22201</p> <p>Phone: 703-247-6121  Web: <a href="http://www.cadmusgroup.com">www.cadmusgroup.com</a></p>			
Course Title	Course Format	CEU Approved	Monitored Exam Required?
Responding to a Water Contamination Event – 3 Part Series	Webinar	0.3	Yes
<p>WA Utilities &amp; Transportation Commission  621 Woodland Square Loop SE MS: 47250 Lacey WA 98503  Web: <a href="https://utc-9183.quickbase.com/db/bpkt6vndh">https://utc-9183.quickbase.com/db/bpkt6vndh</a></p> <p>Phone: 360-529-9262</p>			
Course Title	Course Format	CEU Approved	Monitored Exam Required?
Underground Utility Locator Training Online	Online	0.3	Yes
<p>WaterLMS  1234 North Market Blvd  Sacramento, CA 95834</p> <p>Phone: 916-553-4904  Web: <a href="http://www.waterlms.com/learn/home">www.waterlms.com/learn/home</a></p>			
Grade 3 – Water Distribution: Water Sources	Online	0.1	Yes
AWIA – America’s Water Infrastructure Act	Online	0.3	Yes
Beginning Water Math – Part 1	Online	0.2	Yes
Beginning Water Math – Part 2	Online	0.2	Yes
Elements of a Distribution System – Part 1	Online	0.2	Yes
Elements of a Distribution System – Part 2	Online	0.1	Yes
Water Distribution Disinfection - Part 1	Online	0.2	Yes
Water Distribution Disinfection - Part 2	Online	0.2	Yes
Water Quality	Online	0.2	Yes
Water Sources	Online	0.2	Yes
Water Treatment: Conventional Treatment Process	Online	0.1	Yes
Water Treatment Disinfection – Part 1	Online	0.1	Yes
Water Treatment Disinfection – Part 2	Online	0.1	Yes
Water Treatment: Filtration and Additional Treatment Processes	Online	0.1	Yes
Water Treatment: Laboratory Procedures	Online	0.1	Yes
Water Treatment: Operations and Maintenance	Online	0.1	Yes
Water Treatment: Regulations and Administration	Online	0.1	Yes
Water Treatment: Safety	Online	0.1	Yes

Water Treatment: Source Water	Online	0.1	Yes
(ACR) Abnormal Operating Conditions	Online	0.1	Yes
(ACR) Special Pumping Units	Online	0.1	Yes
(ACR) Pumps – Line shaft Turbine Operating Conditions	Online	0.1	Yes
(ACR) Pumps – Normal Operating Conditions	Online	0.1	Yes
(ACR) Pumps Hydraulics	Online	0.2	Yes
(ACR) Pump Piping System	Online	0.2	Yes
(ACR) Selection & Replacement of Mechanical Seals	Online	0.2	Yes
(ACR) Selection & Replacement of Pump Packing	Online	0.1	Yes
(ACR) Centrifugal Pump Repair	Online	0.2	Yes
(ACR) Centrifugal Pump Components	Online	0.3	Yes
(ACR) Centrifugal Pump Types	Online	0.1	Yes
(ACR) Centrifugal Pump Classification & Theory	Online	0.1	Yes
WW: Introduction to Wastewater	Online	0.1	Yes
Hazardous Waste Management for Drinking Water Utilities – Hazardous Waste Transportation	Online	0.2	Yes
Hazardous Waste Management for Drinking Water Utilities – Waste Determination, Handling, Storage & Accumulation Times	Online	0.2	Yes
Hazardous Waste Management for Drinking Water Utilities – What is Hazardous Waste?	Online	0.2	Yes
Hazardous Waste Management for Drinking Water Utilities – Record Keeping and Special Circumstances	Online	0.2	Yes
Hazardous Waste Management for Drinking Water Utilities – Universal Waste & Hazardous Materials Business	Online	0.2	Yes
Why Disinfection? Fundamentals, MCLS, and Investigating Water Borne Pathogens	Online	1.0	Yes
Why Disinfection? Technologies, Water Borne Cases, and Top 10 Contaminants	Online	1.0	Yes
Hazardous Waste Management	Online	1.0	Yes
(ACR) Pumps and Pumping	Online	1.8	Yes
Water Treatment Certification Review 1-2	Online	1.4	Yes
Water Distribution Certification Review 1-2	Online	1.6	Yes

University of Florida TREEO Center 3900 S. W. 63 <sup>rd</sup> Boulevard Gainesville, FL 32608	Phone: 352-392-9570 Web: <a href="http://www.treeo.ufl.edu">www.treeo.ufl.edu</a>		
--	--	--	--

Course Title	Course Format	CEU Approved	Monitored Exam Required?
Water Treatment Plant Operations Class C & B	Online	14.4	Yes

Zarathom Online Training PO Box 5190 Norco CA 92860	Phone: 844-927-2846 Web: <a href="https://zarathom.com">https://zarathom.com</a>		
---	---	--	--

Course Title	Course Format	CEU Approved	Monitored Exam Required?
3 Hour Treatment Course #1	Online	.3	No
3 Hour Treatment Course #2	Online	.3	No
3 Hour Water Regulation Course	Online	.3	No

3 Hour Water Quality Course	Online	.3	No
3 Hour Distribution Course #1	Online	.3	No
3 Hour Distribution Course #2	Online	.3	No
3 Hour Distribution Course #3	Online	.3	No
3 Hour Distribution Course #4	Online	.3	No
3 Hour Source Water Course	Online	.3	No
3 Hour Math Course #1	Online	.3	No
3 Hour Math Course #2	Online	.3	No
3 Hour Safety Course	Online	.3	No