



Water & Wastewater Professional Growth
Course Catalog
October- December 2021



Please post this in view of your operator(s).



2021 4th Quarter Training Classes

Asset Management, Capital Planning and Project Management

We will touch on the basics on maintenance management and asset management, but also go beyond that into planning and project execution, Local government struggles with comprehensive plans and spend lots of \$\$\$ on such plans, yet they are not equipped with a plan based on real time condition and data from the field. This session will discuss beyond the basics, how ailing and failing infrastructure can be identified and prioritized for repair, rehab or replacement, how capital budgets and plans can be developed, how maintenance crew becomes an integral part of the capital planning, how activities and tasks can be forecasted and budgeted, and how projects can be managed within budget and timeline effectively.

Taught by Arnab Bhowmick with Aktivov LLC

0.5 Water/ 0.6 WW CEUS
\$135 ERWoW Members / \$160 Non Members
Class Time: 9:00am - 3:00pm

Dates & Locations:
November 10, 2021 GoToMeeting
[View website for additional dates & locations](#)

BAT Professional Growth 2-Day Refresher

This class is intended to provide the attendee with an overview/refresher of proper test procedures prior to taking the Professional Growth Exam. Operators who test, inspect and diagnose problems in accordance with Washington State Regulations will use this training to review and refresh their skills. Must already be a BAT. *Taught by Backflow Management Inc.*

1.4 Water Only CEUs (pending re approval)
\$250 ERWoW Members / \$275 Non-Members
Class Time: 8:00am - 4:30pm each day

Dates & Locations:
October 18-19, 2021 Shelton
November 17-18, 2021 Shelton
[View website for additional dates & locations](#)

CCC Program Tune Up

This course will address water and wastewater systems in Washington regarding their cross-connection control program and how they can ensure its up to date. *Taught by Backflow Management Inc.*

0.5 Water CEUS
\$135 Members / \$160 Non Members
Class Time: 9:00am - 3:00pm

Dates & Locations:
November 30, 2021 ZOOM
[View website for additional dates & locations](#)

CEU Roundup

With the CEU Roundups you can earn 0.3, 0.6, 0.9 or 1.2 CEUs depending on the number of sessions you sign up for. Specific classes are listed on our website. *Taught by Various*

CEUs: 0.3 Water/WW
Costs: \$75 Members/ \$100 Non Members- Single Sessions
\$150 Members/ \$185 Non Members- Full Day
Class Time: 8:30am - 4:00pm

Dates: (all classes are Virtual)
November 16, 2021 November 17, 2021
December 14, 2021 December 15, 2021
December 20, 2021 December 21, 2021

Chlorination- Implementation of Disinfecting Mains, Wells, Reservoirs

This presentation will describe how to disinfect distribution systems, collection systems, and an effluent of a water/wastewater treatment plant. *Taught by Backflow Management Inc*

0.4 Water CEUS
\$100 ERWoW Members / \$125 Non Members

Dates & Locations:
November 29, 2021 ZOOM/TBD
[View website for additional dates & locations](#)

Cross Connection Control Specialist Exam Review (2 days)

At this 2-day course, we will review the information needed to prepare the attendee for the CCCS Exam. We will discuss how cross connections affect public health, the potential risks and liabilities, how to conduct surveys and carry out enforcement actions, the two types of hydraulic condition which cause backflow, and backflow prevention assemblies and their applications. *Taught by Backflow Management Inc*

1.4 Water Only CEUs
\$250 ERWoW Members/ \$275 Non-Members

Dates & Locations:
November 30-Dec 1, 2021 ZOOM
Must have a ZOOM account
[View website for additional dates & locations](#)

Developing Your Small Water System Management Program

In this two day class, attendees will be creating their own Small Water System Management Program. We will go over the details of the financial capacity, technical capacity, and managerial capacity of the water system. Please have your current plan with you to go over each day of the class. The goal at the end of these 2 days is to have most of your Small Water System Management Program completed. *Taught by Mary Howell with Backflow Management Inc*

1.5 Water Only CEUs (pending re approval)
\$250 ERWoW Members / \$275 Non-Members
Class Time: 8:30am - 4:00pm

Dates & Locations:
October 13-14, 2021 ZOOM
[View website for additional dates & locations](#)

Emergency Response Lesson Learned

Emergency response. We all know the common emergencies: fires, floods, earthquakes, power outages. But what happens during and after the disaster. How do you communicate with your customers, with the other operators. *Taught by Backflow Management Inc*

0.4 Water /WW CEUS
\$100 ERWoW Members / \$125 Non Members

Dates & Locations:
October 12, 2021 ZOOM
[View website for additional dates & locations](#)

Hydraulics, VF Control & Pump Selection

In this session operators will spend an hour on each topic; Variable Frequency, Centrifugal Pump Hydraulics and how curve shape can influence pump selection. Operators will be better prepared to select, troubleshoot and maintain pumps and pumping systems. Also to familiarize yourself with the effect of pump curve shape on pump operational range and the power required for operation. Attendees will also become knowledgeable of the various VFD application categories and when the VFD should and should not be used. *Taught by Pumptech*

0.3 Water and WW CEUS
\$75 ERWoW Members / \$100 Non Members
Location: Remote

Dates & Locations:
October 7, 2021 Remote
[View website for additional dates & locations](#)

The New Tech Normal

The whole world is moving online more and more, and now accelerated by the pandemic. What are the best tools to do your jobs in local government? What kind of technology should you be investing in? What protocols or trends are upcoming that you should consider leveraging? This session will deal with the basic understanding of the paradigm shift, and provide managers in all ranks, ideas and tools to bank on. *Taught by Arnab Bhowmick with Aktivov LLC*

0.3 Water/WW CEUS
\$75 ERWoW Members / \$100 Non Members

Dates & Locations:
October 28, 2021 GoToMeeting
[View website for additional dates & locations](#)

Revised Total Coliform Rule Assessments

What does this not so new rule really require? We will provide an overview of the rule and discuss in depth the assessments and corrective action when monitoring results show that Public water system's may be vulnerable to contamination. *Taught by Backflow Management Inc*

0.6 Water Only CEUs
\$160 ERWoW Members / \$185 Non-Members
Class Time: 8:30am - 4:00pm

Dates & Locations:
October 19, 2021 ZOOM
[View website for additional dates & locations](#)

2021 4th Quarter Training Classes

Sampling: How, Where and Why

This course will demonstrate how to take samples, where to take samples, and why we take samples. We will talk about the importance of a chain of custody and the integrity of the sample.

Taught by BMI

0.5 Water CEUS
\$135 ERWoW Members / \$160 Non Members

Dates & Locations:

Decembe 2, 2021 ZOOM/TBD

View website for additional dates & locations



The Show Must Go On

Public Works Operations and Maintenance do not stop even in a pandemic. There are established rules on how the operations go on during major events ie: storms, floods, earthquake. But this deals with bigger showstoppers like the recent pandemics where business continuity becomes very important to keep serving our citizens. The citizen interactions also become important as people cannot meet physically. We will discuss business continuity and operations in an adaptive hybrid mode with a mix of online and in-person where whatever makes sense and how. The attendees will come out with a clear idea on how to deal with such situations in the future and operate in the new normal.

Taught by Arnab Bhowmick with Aktivov LLC

0.3 Water/WW CEUS
\$75 ERWoW Members / \$100 Non Members

Dates & Locations:

September 8, 2021 GoToMeeting



The Value of Reading Your WFI

This class will underline the importance of a WFI and how it can affect your sampling, the status of each source, and effect the color of our permit.

Taught by Backflow Managemnt Inc

0.3 Water CEUS
\$75 ERWoW Members / \$100 Non Members

Dates & Locations:

December 1, 2021 ZOOM/TBD

View website for additional dates & locations



Water Distribution Manager Exam Review (3 days)

Attend our 3 day exam review and learn how to prepare for the level 1-4 Exam Review. This class includes an extensive math and water chemistry review, review of disinfection rules and procedures, review of basic well construction, along with the review of water utility management, operation and maintenance principles. Several practice tests will be given and reviewed in class.

Taught by Backflow Management Inc.

1.9 Water CEUs
\$300 ERWoW Members / \$350 Non-Members

Dates & Locations:

November 8-10, 2021 ZOOM

Must have a ZOOM Account

View website for additional dates & locations

We will also need your mailing address for Manuals.



Water Treatment Plant Operator Exam Review (3 days)

This is a 3 day course for applicants preparing for the Water Treatment Plant Operator Certification Exam. The review includes an in depth review on math for the treatment plant operator, water sources and treatment coagulation and flocculation, corrosion control, and overview of plant operation and treatment, softening systems and laboratory procedures.

Taught by Backflow Management Inc.

CEUs: 1.8 Water CEUs
Costs: \$300 Members / \$350 Non Members

Dates & Locations:

December 7-9, 2021 ZOOM

Must have a ZOOM Account

View website for additional dates & locations

We will also need your mailing address for Manuals.



ERWoW Cancellation Policy:

- NO REFUNDS will be issued.
- REGISTRANTS WILL BE BILLED who fail to attend and do not give a 7 days prior notice. No shows will be billed.
- ERWoW reserves the right to cancel this class within 7 days prior to the class date due to lack of registrations.

Please note that due to COVID-19 most of our classes will be done in an online virtual classroom. Please be patient and watch your inbox. As we are able to open up to in person classes, some trainings may be moved to a hybrid class as in you can be online or in person.