



Water & Wastewater Professional Growth  
Course Catalog  
April - June 2021



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



# 2021 2nd Quarter Training Classes

## Circuit Rider Roundtable

More to come This class is a discussion led by our Circuit Riders about important topics.  
*Taught by ERWoW*

0.3 Water CEUS (*Pending approval*)  
\$75 ERWoW Members / \$100 Non Members

*Dates & Locations:*  
May 11, 2021 GoToMeetings/TBD  
*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 CEUS (*Pending approval*)  
\$100 ERWoW Members / \$125 Non Members

*Dates & Locations:*  
May 4, 2021 ZOOM/TBD  
June 8, 2021 ZOOM/TBD  
*View website for additional dates & locations*

## Line Locating

Learn the useful and practical side of leak detection so you can keep the revenue-generating water flowing. Discussions include leak surveys, isolating leaks and acoustic locators and correlators. This course also includes a hands-on locating demonstration with tricks of the trade.  
*Taught by USABluebook*

0.4 Water CEUS (*Pending approval*)  
\$100 ERWoW Members / \$125 Non Members

*Dates & Locations:*  
June 16, 2021 TBD  
July 20, 2021 TBD  
*View website for additional dates & locations*

## Logical Math for Utility Personnel

Math is an important part of operational issues that face both water & wastewater operators. Knowing the correct formulas and how to decipher the number is crucial in determining pipe length, volume and chemical dosages. You will learn the two basic tools that can solve over 90% of all the math challenges you face.  
*Taught by USABluebook*

0.7 Water/WW CEUS  
\$160 ERWoW Members / \$185 Non Members

*Dates & Locations:*  
April 8, 2021 WebEX  
*View website for additional dates & locations*

## 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:*  
May 26, 2021 ZOOM/TBD  
*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 govt? 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 (*pending approval*)  
\$75 ERWoW Members / \$100 Non Members

*Dates & Locations:*  
April 27, 2021 GoToMeeting  
June 2, 2021 GoToMeeting  
*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 (*pending approval*)  
\$75 ERWoW Members / \$100 Non Members

*Dates & Locations:*  
April 27, 2021 GoToMeeting  
June 2, 2021 GoToMeeting  
*View website for additional dates & locations*

## 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 Management Inc*

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

*Dates & Locations:*  
May 25, 2021 ZOOM/TBD  
*View website for additional dates & locations*

## Utility Management Certification (3 days)

The UMC will prepare you to take the next step in your career. The review is 3 days. The first class will cover financial sustainability-accounting, financial reporting, budgeting and asset management. The next class will cover technical sustainability-laws 7 regulations, source water protection, water contaminate reporting, water conservation, wastewater permits & licensing. the final class wil cover managerial sustainability-human resource management, emergency preparedness, public relations & public policy.  
*Taught by BMI*

1.8 Water / WW CEUS  
\$275 ERWoW Members  
\$325 Non-Members  
Class Time: 8:30am - 4:00pm each day

*All Dates Must be Attended: Classes will be on ZOOM*  
April 22, May 6 and May 27, 2021  
*View website for additional dates & locations*

An additional \$125 for the UMC test \*Optional.  
*Please email kfenton@erwow.org for application*

## Comprehensive Water Audits: Accounting for Every Drop

Learn the difference between a basic water audit and a comprehensive water audit so your system can best manage its resources. We will discuss leaks, stolen water, meter accuracy, flushing, city uses, fire suppression, and distribution maintenance, plus how they affect your finances.  
*Taught by USABlueBook*

0.3 Water CEUS (*pending approval*)  
\$75 ERWoW Members / \$100 Non Members

*Dates & Locations:*  
April 6, 2021 WebEx  
*View website for additional dates & locations*

## Water Rights, Construction Standards, Service Providers Oh My!

Understanding water rights is important to ensuring a system has legal access to an adequate supply of water. Having updated and appropriate construction standards and practices is important in improving and replacing the infrastructure necessary to deliver water. Selecting service providers who are appropriate for your system is important because they provide the services a water system is unable to provide directly. Managing these contractors and consultants is key to managing your water system.  
*Taught by Todd Krause with Northwest Water Systems*

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

*Dates & Locations:*  
April 15, 2021 ZOOM  
May 20, 2021 ZOOM  
June 22, 2021 ZOOM  
*View website for additional dates & locations*

# 2021 2nd Quarter Training Classes

## Wastewater Operator Exam Review Levels 1-2 (5 days)

This is a 5 day course for applicants preparing for the Wastewater Exam levels 1 and 2. The class will be 2-3 hours a day, discussing specific topics below:

Monday: Attached Growth • Tuesday: Chemistry  
Wednesday: Hydraulics • Thursday: Lagoons  
Friday: Pumps  
*Taught by Paul Krauth*

1.5 Wastewater Only CEUs  
\$250 ERWoW Members  
\$275 Non-Members  
Class Time: 9:00am - 12:00pm each day

### Dates & Locations:

April 5-9, 2021                      GoToMeetings

*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:

April 27-29, 2021                      ZOOM  
May 11-13, 2021                      ZOOM(Class is full)  
June 29-July 1, 2021                      ZOOM

### Must have a ZOOM Account

*View website for additional dates & locations*



## Water Treatment Plant Operator Certification 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*

1.8 Water Only CEUs  
\$300 ERWoW Members  
\$350 Non-Members

### Dates & Locations:

June 1-3, 2021                              ZOOM/TBD

### Must have a ZOOM Account

*View website for additional dates & locations*



*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.*