



# About the WORKSHOPS

The Workforce Development and Community Services Division of Southern State Community College is sponsoring two workshops to allow water and wastewater operators to **gain up to (12) Contact hours in just two days**. Choose one or both, according to what your schedule allows.

## PLEASE NOTE!

The Ohio EPA now requires all attendees to have their **Core Person ID Number with them to sign in on the day of attendance**. Certification of attendance to the Ohio EPA cannot be sent without this number.

Workshop hours each day are **8:30 a.m.- 4:00 p.m.**, with a continental breakfast, lunch, and break refreshments provided - all included with the cost of the workshop. Registration begins at 8 a.m. Classes are subject to change due to unforeseen COVID-19 restrictions.

There are **three ways to register** for the workshops; by the **online form**, by **phone**, or by **email**. Details are provided inside this brochure.

We hope you can take advantage of these **unique training opportunities**, and look forward to seeing you in class!



**SOUTHERN STATE**  
COMMUNITY COLLEGE  
100 Hobart Drive, Hillsboro, OH 45133



# License Renewal WORKSHOPS

for **Water & Wastewater Operators**



Tuesday, **April 11, 2023**  
Wednesday, **April 12, 2023**

at the **Highland County Water Company**  
6686 U.S. Route 50  
Hillsboro, Ohio 45133



**SOUTHERN STATE**  
COMMUNITY COLLEGE

# Verifying the Water/Wastewater Process

Tuesday, April 11, 2023  
8:30am – 4:00pm

(6) Contact Hours  
OEPA Approval – OEPA-B88378170-OM  
(Both DW & WW)  
**Instructor:** Mike Harrington, C.E.T.

**Description:** All water/wastewater quality verification used to monitor or process manage our water and wastewater systems are based upon six (6) key methods. This combination interactive lecture reviews these key methods and demonstrates the proper protocol to let operators choose the best method based upon a series of criteria. Gravimetric, Colorimetric, Titrimetric, Turbimetric, Electrometric, and Nephelometric verification/selection processes are all about choices. The following questions will be addressed and explored: How do I choose the best method? What criteria are used to select the best testing procedures for results reporting and process control? What are my real costs in each method available? What are the regulatory requirements? What about training issues? What are the requirements to verify and confirm these results?

### Learning Objectives:

- Know and define the six key testing protocol used in applications, management and reporting in the water and wastewater process
- Review these six key test methods to determine which method is best for control and managing that process
- Choose the best method for a specific application based upon specific technical skill, regulatory requirements, verification needs, and real cost factors associated with sampling, reagent handling and disposal

# Ultraviolet Disinfection of Water & Wastewaters

Wednesday, April 12, 2023  
8:30am – 4:00pm

(6) Contact Hours  
OEPA Approval – OEPA-B88314168-OM  
(Both DW & WW)  
**Instructor:** Mike Harrington, C.E.T.

**Description:** Ultraviolet - Common Sense Disinfection Technology for the 21st Century -- This workshop investigates the latest UV disinfection techniques and applications for both potable and wastewaters. Through the use of superb interactive text and graphics, operations personnel explore the advantages of UV systems compared to typical chemical disinfection systems like Chlorine or Ozone. *Minimum of 1.5 hours to maximum of 3 hours (one-half day)*

### Learning Objectives:

- Learn why the latest research suggest low-dose UV may be very effective at controlling Giardia and Cryptosporidium in potable waters
- Define and examine what UV is, how it differs versus typical chemical disinfection systems, and understand the advantages and disadvantages
- Review appropriate applications in community and non-community potable waters and wastewaters
- Learn why UV may be the low cost choice for installation, operation, and maintenance



**Please note:** MASKS are not required, but may be worn if preferred.

*Please remember the importance of handwashing and sanitizing. If you are feeling ill, please do not attend the workshop. Contact Amanda Lewis at 800.628.7722 x3520 for a refund.*

# REGISTRATION

Earn (6) Contact hours for each workshop! **Cost of each workshop is \$125 per person**, which includes a light breakfast, lunch, and snacks each day (depending on any unforeseen COVID-19 restrictions). There are three ways to register for these workshops:

**ONLINE** – complete the online form at

<https://www.sccc.edu/specialized/workshops-registration.shtml>

No later than **April 7, 2023**. For online registrations, an email confirmation will be sent once successfully enrolled.

**BY PHONE** – call **800.628.7722 x3520**

(Amanda Lewis) Monday through Thursday, 7:30am – 5:30pm, and provide your credit card number or purchase order number and billing address.

**BY EMAIL** - send an email containing your registration information to Amanda Lewis at [alewis@sccc.edu](mailto:alewis@sccc.edu).

### PLEASE NOTE!

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*Cancellations must be received seven days prior to workshop date. For more information, please contact Amanda Lewis at [alewis@sccc.edu](mailto:alewis@sccc.edu) or by calling 800.628.7722 x 3520.*

**LIMITED SPACE AVAILABLE-**  
Class Capacity is 60  
**REGISTER EARLY**