



# About the WORKSHOPS

The Workforce Development and Community Services Division of Southern State Community College is sponsoring one workshop to allow water and wastewater operators to **gain up to (6) Contact hours in just one day.**

## 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 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 workshop; by the **online form**, by **phone**, or by **email**. Details are provided inside this brochure.

We hope you can take advantage of this **unique training opportunity**, 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**



Thursday, **Sept. 29, 2022**

at the **Albert S. George Youth Center**  
130 Fair Street  
Barnesville, OH 43713



**SOUTHERN STATE**  
COMMUNITY COLLEGE

# 21st Century Membrane Technology in the Water/Wastewater Process

Thursday, Sept. 29, 2022

8:30am – 4:00pm


(6) Contact Hours

OEPA Approval – OEPA-B552580-OM  
(Both DW & WW)


**Instructor:** Mike Harrington, C.E.T.

**Description:** This program looks at the application and use of membrane technology to address the ever tighter regulatory requirements in both water and wastewaters. Through easy to understand graphics, terrific verbal presentation, and timely demonstrations, attendees will learn what common filtration methods look like today. Then we will define the various membranes in use today and see how technology is being applied in a variety of applications by removing bacteria, protozoa's, viruses, dissolved minerals, toxic elements, etc. Next we visit the various types of membranes used and see how membrane pore size and pressure requirements are inverse of each other. Next we will see how membrane technology today is helping wastewater treatment plants meet enhanced nutrient removal requirements. We will also learn what wastewater operational modifications are needed to include membranes. Finally, we will study case history users of membrane technology and see how it is applied.



 Understand the common filtration methods that are used today

 Define various membranes and learn how technology is applied in a variety of applications

 See how membrane technology is helping wastewater treatment plants meet the enhanced nutrient removal requirements

 Learn how membrane pore size and pressure requirements are inverse of each other

## Registration Deadline September 19



**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 the workshop!  
**Cost of the 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:

**1 ONLINE** – complete the online form at  
[www.sccc.edu/specialized/workshops-registration.shtml](http://www.sccc.edu/specialized/workshops-registration.shtml)

No later than **September 19**. For online registrations, an email confirmation will be sent once successfully enrolled.

**2 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.

**3 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 45  
**REGISTER EARLY**