



Developer and Owner – WWOTC

Online Course – Instructor Led

Introduction to Membranes for Water Treatment

May 28-29, 2024 (1:00-5:00 AST)

Course Objective / Description

This course has been developed recognizing the increasing acceptance of the use of membranes for municipal drinking water treatment. This is a good introductory course for those considering membrane treatment in the future.

What will be covered:

Understanding recent history of membrane introduction into municipal drinking water treatment

- Identifying the range of applications for which membranes are suitable.
- Reviewing the absolute barrier concept
- Identifying the factors affecting membrane performance and life expectancy
- Describe membrane repair particulars
- Reviewing membrane integrity verification
- Describing the dependency of membrane technology on automated operations and SCADA
- Describe the impact of existing legislation and regulations on membrane treatment
- Describe disinfection requirements in association with membranes

| Lesson | Description | Contact Hours |
|---------------|--|----------------------|
| Lesson 1 | Introduction to Membrane Filtration | 2.0 |
| | Break | |
| Lesson 2 | Basic Filtration of Membrane Filtration | 1.75 |
| | Lunch | |
| Lesson 3 | Membrane Materials, Modules, and Systems | 2.0 |
| | Break | |
| Lesson 4 | Hydraulic Configurations | 0.75 |
| | Exam | 0.5 |
| | Total Instruction/Contact Time: | 7.0 |

CEU: 0.7

Introduction to Membranes for Water Treatment

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Name: _____

Company: _____

Company Mailing Address _____

City, Province: _____ Postal Code: _____

Phone: _____ Email: _____

ACWWA Membership #: _____ WEF Membership #: _____

If no membership number is listed, you will be invoiced as a non-member. See pricing below.

Fee for ACWWA or WEF Members & Employees of UTILITY Members

Course: \$355.00 + \$53.25 HST (15%) = \$408.25

Fee for Non – Members

Course: \$380.00 + \$57.00 HST (15%) = \$437.00

Invoices will be sent to the address listed above.

PO number to be included on the invoice _____

Payment can be made by Visa, Master Card or cheque.

Card Holder's Name _____

Credit Card Number _____ Expiry _____

Signature _____

Email address for credit card receipt _____

Cheques should be made payable to:

ACWWA

PO Box 28141 · Dartmouth, NS · B2W 6E2

Phone 902-434-6002 Fax 902-435-7796