



Developer and Owner – WWOTC

Online Course – Instructor Led

UV Disinfection & Advanced Oxidation

February 1-2, 2021 (8:30 – 12:30 AST)

Course Objective / Description

This “specialty” course has been custom-designed for plant operators or maintenance personnel. Mathematical applications will be performed as part of this course. Proficiency in math operations and unit conversions is required.

What will be covered:

- Velocity and flow rate
- Force - pressure and head
- Types of pumps and applications
- Basic pump components
- Pump performance characteristics & system characteristics - centrifugal pumps, friction losses, water hammer, cavitation, flow control and measurement
- Horsepower and related calculations

Timeline	Lesson	Description	Contact Hours
Day 1			
08:30-09:00	Lesson 1	Introduction	0.5
09:00-9:30	Lesson 2	UV Light	0.5
9:30-10:30	Lesson 3	UV Disinfection	1.0
10:30-10:45		Break	0.25
10:45-11:45	Lesson 4	UV Treatment Systems	1.0
11:45-12:15	Lesson 5	UV Advanced Oxidation	0.5
Day 2			
8:30-9:30	Lesson 5	Operation and Maintenance	1.0
9:30-10:30	Lesson 6	Case Studies	1.0
10:30-10:45		Break	0.25
10:45-11:30	Lesson 7	Health and Safety	0.75
11:30-11:45	Lesson 8	Summary and Conclusions	0.25
11:45-12:15		Exam	0.5
		Total Instruction Time:	7.0

Instructor:
Zobia Jawed- Training Specialist
CEU: 0.7

UV Disinfection & Advanced Oxidation

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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: $\$345.00 + \$51.75 \text{ HST (15\%)} = \396.75

Fee for Non – Members

Course: $\$370.00 + \$55.50 \text{ HST (15\%)} = \425.50

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