



**Developer and Owner – WWOTC**

**Online Course – Instructor Led**

**Drinking Water Disinfection – The CT Concept**

**June 2-3, 2021 (8:30-12:30 AST)**

**Course Objective / Description**

This one day course has been developed to provide operators with an understanding of the role CT plays in providing safe drinking water through Disinfection. The Procedure for Disinfection of Drinking Water in Ontario will be thoroughly reviewed so that the contribution of both chemically assisted filtration and disinfection are understood. Sample calculations will be used to demonstrate how this information can be used in a water treatment plant setting. This course will be of interest to water treatment operators, and will also be of value to supervisory, engineering and managerial personnel.

What will be covered:

- Chlorination Refresher
- Water Sources and Treatment Requirements
- Procedure for Disinfection of Drinking Water in Ontario Review
- CT Concepts, Use of Tables
- Short circuiting, Baffles, Tracer Studies – Sample Calculations

Lesson	Description	Contact Hours
Lesson 1	Introduction and Overview	0.25
Lesson 2	Review of Water Treatment	0.5
Lesson 3	How and why do we know that the Water we have Treated is safe?	1.0
Lesson 4	Procedure for Disinfection of Drinking Water in Ontario – Review of Supporting Literature	0.25
Lesson 5	Procedure for Disinfection of Drinking Water in Ontario – Review of Supporting Literature	1.25
Lesson 6	Procedure of Disinfection of Drinking Water – Use of CT Tables	0.5
Lesson 7	Procedure of Disinfection of Drinking Water – Use of CT Tables	0.25
Lesson 8	Pipe Flow and Disinfection	1.0
Lesson 9	Holding Tanks and Disinfection	0.5
Lesson 10	Holding Tanks and Disinfection	0.5

	Exam	0.5
	<b>Total Instruction/Contact Time:</b>	7.0

**CEU: 0.7**

## Drinking Water Disinfection – The CT Concept

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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 HST (15%) = \$396.75

**Fee for Non – Members**

Course: \$370.00 + \$55.50 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