



ONLINE COURSE

Basic Math and Water System Flushing Calculations

Developer and Owner – MTS (Maintenance Training Systems Inc.)

August 11, 2020 (12:30-4:30 PM AST)

Course Objective / Description

This 1/2 day program is designed for water utility operators and provides a review of basic math relating to water system flushing. We combine basic math exercises and build the skills required to enable an operator to perform basic system calculations with confidence.

Topics and Objectives

<i>Topics</i>	<i>Learning Objectives</i>
1. Introduction to math	Understand the basics of math
2. Basic math exercises	Apply basic math skills
3. Formulas	Become familiar with the necessary formulas
4. Conversions	Re-enforce conversion factors
5. Volume calculations	Re-enforce the formulas for finding volume of water storage and pipes
6. Flow rate calculations	Understand the formula allowing the operator to calculate the volume of water flowing in the lines.

<i>Course Agenda (place topics here with delivery times)</i>	<i>Time / Hours</i>
Introductions and Agenda Review	0.17
Introduction to math	0.25
Basic math exercises	0.25
Formulas	0.25
Conversions	0.25
Volume calculations	0.75
Flow Rate calculations	0.75
Review Wrap up	0.33

CEU: 0.3

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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: \$199.00 + \$29.85 HST (15%) = \$228.85

Fee for Non – Members

Course: \$250.00 + \$37.50 HST (15%) = \$287.50

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