



Developer and Owner – WWOTC

Online Course – Instructor Led

Calculations in Wastewater Technology

March 10-11, 2021 (8:30-12:30 AST)

Course Objective / Description

The objective of this course is the study of the mathematical principles in solving wastewater problems related to treatment systems including hydraulic volumes, dimensional analysis, primary and secondary sewage treatment, calculations and chemical dose rates as it relates to wastewater technology.

What will be covered:

- Flow calculations
- Clarifier calculations
- Lagoon calculations
- Activated Sludge calculations
- Digester calculations

| Lesson | Description | Contact Hours |
|---------------|---|----------------------|
| Day 1 | | |
| Lesson 1 | Flows and Clarifiers | 1.0 |
| Lesson 2 | Activated Sludge | 1.0 |
| | Break | 0.25 |
| Lesson 3 | Ponds and Trickling Filters | 1.75 |
| Day 2 | | |
| Lesson 5 | Anaerobic Digestion | 1.75 |
| Lesson 6 | Practical Application of Calculations | 1.0 |
| | Break | 0.25 |
| Lesson 7 | Practical Application of Calculations Cont'd | 0.5 |
| | Exam | 0.5 |
| | Total Instruction/Contact Time: | 7.0 |

Instructor:
Zobia Jawed - Training Specialist

CEU: 0.7

Calculations in Wastewater Technology

March 10-11, 2021 (8:30-12:30 AST)

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