



# SCADA

**October 19, 2017**

**Halifax, NS**

## **WORKSHOP DESCRIPTION:**

**8:30-9:00am**

Registration

**9:00-10:00am**

Course coverage

Audience and prerequisites

Course objectives

What is SCADA?

**10:00-10:15am**

Coffee

**10:15-12:00pm**

Communications

Radio

**12:00-1:00pm**

Lunch

**1:00-2:15pm**

Remote Terminal Units (RTU's)

Master Terminal Units (MTU's)

**2:15-2:30pm**

Coffee

**2:30-4:00pm**

Operator Interface

SCADA Benefits

Quiz

## **COURSE FORMAT:**

Every attempt is made to keep the course informal and an enjoyable day-long training experience. Registration starts at 8:00 am, and the instructor will start shortly after 8:30. Wrap-up time is usually around 4:00pm. Though all workshops are non-smoking, ample breaks are provided for coffee and discussion.

## **PRESENTER: Alana Murray**

Fifteen years experience working in Pulp & Paper, Food, Water/Wastewater and Oil/Gas with process control systems, Distributed Control Systems (DCS), Programmable Logic controllers (PLC's) including SCADA systems.

Working knowledge of HMI applications, including Allen Bradley, DeltaV, Wonderware, Trihedral and Intellution.

Working knowledge of PLC applications, including Allen Bradley, Siemens, GE, Omron and Control Microsystems. And DCS applications, including DeltaV and Honeywell.

Extensive experience with data historian software from OSIsoft (PI).

Knowledgeable of plant communication systems including Ethernet, Data Highway plus, Controlnet, Devicenet, Profibus, Foundation Field bus, Hart and Modbus.

Administrative responsibility for a wide range of technical endeavors. Supervise and coordinate a diverse working group, and train less experienced technical and professional staff.

Excellent interpersonal, oral and written communication skills with real-world experience working on team projects.

Construction/Industrial Electrician, red seal Canada

**CONTACT INFORMATION:**

Registration can be made by faxing or mailing the registration form on the reverse of this page, or on-line at [www.acwwa.ca](http://www.acwwa.ca). For further information, please contact ACWWA Section office at 902-434-6002.

**COURSE LOCATION:**

Halifax Water  
455 Cowie Hill, Halifax, NS

Please print clearly and fax or mail to the address listed on the bottom of this form.

**SCADA                      October 19, 2017                      Halifax, NS**

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City, Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ 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: \$265.00 + \$39.75 HST (15%) = \$304.75

Fee for Non – Members  
Course: \$285.00 + \$42.750 HST (15%) = \$ 327.75

Fees include coffee breaks and lunch.

**Payment can be made by visa, master card or cheque. Invoices will be sent to the address listed above.**

**Please send PO number if you want it included on the invoice.**

Card Holder's Name \_\_\_\_\_

Card Number \_\_\_\_\_ Expiry \_\_\_\_\_ CVV \_\_\_\_\_

Signature \_\_\_\_\_

Cheques should be made payable to  
**ACWWA**  
PO Box 28142 Dartmouth, NS B2W 6E2  
Phone 902-434-6002 Fax 902-435-7796