

# OREGON ASSOCIATION OF WATER UTILITIES

935 N. Main St., Independence, OR 97351 ♦ Phone: (503) 837-1212 ♦ Fax: (503) 837-1213 ♦ [www.oawu.net](http://www.oawu.net)

## Math for Operators

## Pumps & Pumping

February 21, 2019 <b>Marion County Public Works</b> Willamette Room 5155 Silverton Rd NE Salem, OR 97305	February 21, 2019 <b>Marion County Public Works</b> Willamette Room 5155 Silverton Rd NE Salem, OR 97305
Time: 8:00 am – 12:15pm  <b>Description:</b> This class will cover the understanding of basic math concepts and formulas for water and wastewater operators including areas, volume, conversions, pounds, formulas, velocity, flow, head, and hydraulics and more for system operators. Please <b>bring your calculators</b> and system questions.  Instructor: Hans Schroeder, Jeff Crowther, OAWU  CEUs: 0.4 Water/Wastewater ESAC #3562  CCB: 4 Hours CCB #SRA0854	Time: 1:15pm – 4:15pm  <b>Description:</b> This three-hour course will describe in detail the types of pumps used in the water and wastewater field. It will cover the types of pumps used for different applications, their efficiencies, what type of maintenance these pumps require and basic water and wastewater system hydraulics.  Instructor: Hans Schroeder, Jeff Crowther, OAWU  CEUs: 0.3 Water/Wastewater/OS ESAC #3560

**REGISTRATION POLICY:** OAWU reserves the right to cancel this class within 7 days prior to class date for lack of registrations. **NO REFUNDS** will be issued and **REGISTRANTS WILL BE BILLED** who fail to attend and do not give a 7 days prior notice. **Don't miss your opportunity. Sign up early.**

**CONFIRMATION POLICY:** Please make a copy of your registration form to keep as confirmation or contact OAWU at (503) 837-1212 to request confirmation. web

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| <b><u>Math for Operators</u></b>            | <input type="checkbox"/> February 21, 2019 Salem | Cost: <input type="checkbox"/> \$125 Members <input type="checkbox"/> \$160 Non-members |
| <b><u>Pumps &amp; Pumping</u></b>           | <input type="checkbox"/> February 21, 2019 Salem | Cost: <input type="checkbox"/> \$90 Members <input type="checkbox"/> \$110 Non-members  |
| <b><u>Both Math &amp; Pumping Class</u></b> | <input type="checkbox"/> February 21, 2019 Salem | Cost: <input type="checkbox"/> \$180 Members <input type="checkbox"/> \$230 Non-members |

Name: \_\_\_\_\_ W Cert. # \_\_\_\_\_ WW Cert. # \_\_\_\_\_  
 Name: \_\_\_\_\_ W Cert. # \_\_\_\_\_ WW Cert. # \_\_\_\_\_  
 City/System Name: \_\_\_\_\_  
 System Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 System Phone: \_\_\_\_\_ System E-mail: \_\_\_\_\_

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If paying by credit card, please use PayPal online at [www.oawu.net](http://www.oawu.net) or call the OAWU office for processing and receipt.

Email receipt to \_\_\_\_\_ or Fax receipt to # \_\_\_\_\_

**Please return to OAWU: 935 N. Main St., Independence, OR 97351 or Fax: (503) 837-1213 or email: [office@oawu.net](mailto:office@oawu.net)**