

**ARKANSAS RURAL WATER ASSOCIATION  
APPLIED MATH 8 HOUR COURSE**

**Date:** August 20, 2020

**Time:** 8:00 AM – 5:00 PM

**Location:** Siloam Springs Community Building  
110 North Mt. Olive Street  
Siloam Springs, AR. 72761

**Course Objectives:**

- Required course for individuals to have taken prior to taking Water Distribution or Treatment License examinations, effective January 1, 2003 if you do not presently hold an active water license.
- To educate and familiarize individuals with basic and applied math formulas needed to operate your water system and to assist you in taking water examinations.

**Who Should Attend:** All individuals who are planning on taking a water examination for the first time or individuals with D-I or T-I, upgrading their license must have attended this required course before sitting for D-II thru D-IV or T-II thru T-IV water certification examination. Also those wishing to refresh their mathematical skills.

ARWA WEB PAGE: [arkansasruralwater.org](http://arkansasruralwater.org)

E-Mail to: [arkrwa@arwa.net](mailto:arkrwa@arwa.net)

Are you an ARWA member? All of our regular training classes are free of charge to all ARWA members. Non-members will be charged \$99 a day for each person attending our training sessions effective January 1, 2015. These fees cover the cost of training materials provided in each class. You must pay the material fee or your membership renewal prior to the class you intend to take, or your training certificate will be withheld until your fee is paid. If you want to update your ARWA membership, you can print our membership form or enroll online. You can also call us directly at 501-676-2255.

**If your system has staff with any special needs that will be attending ARWA training, please call our office at 501-676-2255.**

"This is an Equal Opportunity Program. Discrimination is prohibited by Federal Law. Complaints of discrimination should be sent to: USDA, Director, Office of Civil Rights, Washington, D.C. 20250-9410"

**Registration:**

**Individuals wishing to attend must pre-register with the ARWA office. This is needed to ensure adequate seating is available to meet the needs of the attendees. Registration may be limited due to class size.**

**Course Outline**

- A) Review Basic Math
- B) Identification of proper formulas
- C) Feed Rate and Dosage Calculations
- D) Filter Calculations
- E) Horse Power and Motor Calculations
- F) Trihalomethanes Calculations
- G) Balancing equations for Solving for X
- H) All Mathematical Formulas and Calculations

**\*\*INDIVIDUALS WILL NEED TO BRING CALCULATORS, PENCILS AND PAPER.\*\***

Credit: You must attend the entire 8-hour course to receive a Certificate for attending **APPLIED WATER MATH.**

This course is approved for license renewal hours:  
8 hours direct credit towards your Water License  
8 hours direct credit towards your Wastewater License

Please call 501-676-2255 or e-mail to [arkrwa@arwa.net](mailto:arkrwa@arwa.net) if you will be attending this seminar.

**PWS Compliance Course given by the Arkansas Department of Health to be held August 19th, at this location.  
Time: 8:00 am- 5:00 pm.**

