

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

**Date:** May 18, 2023  
**Time:** 8:00 AM – 5:00 PM

**Location:** Star City Civic Center  
**Community Center**  
**201 Liberty St.**  
**Star City, AR 71667**

**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)

"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.**

**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 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 May 17, 2023 at this location.**  
**Time: 8:00 am- 5:00 pm.**