



# RWAAZ ADEQ Operator Certification Exam Prep

## Join us:

Take advantage of the opportunity to get valuable insights into the ADEQ Test while getting **11.5 professional development hours.**

## The Event Will Be Held On:

March 11-12, 2026

At: Yavapai Community College

Verde Valley Campus

601 Black Hills Drive Building I, Room 138

Clarkdale AZ 86324, US

## Agenda: WATER OPERATOR ADVANCED MATH GRADES 3 & 4

### Day 1 Thursday

8- 8:30 am Registration & sign in sheet

- Name tags
- Phones to silent
- Flash card challenge

8:30 – 9:30am Unit basics: quick recap conversions  
L, A, V, Detention time, Velocity, & flowrates  
Break

9:45 – 10:30 am Friction & Head loss, Pressure, Hp, Energy, \$ to run

Break

10: 45 -11:30 am Order of operations & statistics: Mean, Median, Mode, %  
Metric staircase & exponents review for PFAS calculations

Break

11:30-12:00 pm Lunch is provided

12:00pm -12:45pm Understanding Chemistry Laboratory for  
operators  
Moles, Molarity, Normality & equivalents

Break

1:00pm – 2pm Alkalinity & hardness titrations  
Understanding pH, alkalinity & hardness  
calculations

Break

2:15pm – 3pm Dilutions and blending equations  
Gravimetric analysis calculations: TS, TSS, TVS,

TDS

Break

3:15pm – 4pm Q & A. Recap & review. Complete homework handouts

### Day 2 Friday (half day)

8:15 – 9:00 am Registration & sign in sheet

- Phones to silent
- Practice problems

9:00 – 9:30am Disinfection processes: Chem recap yesterday  
Includes disinfection math: lbs/day

Break

9:45 – 10:30 am Hydraulic overflow rates, weir overflow & solids  
loading rates  
MCRT, BOD, SVI, solids retention time, F/M ratio

Break

10: 45 - 11:30am Thickening, dewatering, and drying calculations  
Includes feed rates, volatile solids  
reductions, % capture rates

11:30pm – 12:15pm Slope of line, 4 – 20 mAmp  
transformation calculation

Complete all answer keys

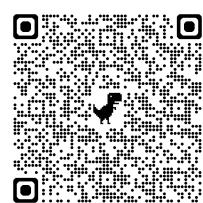
12:15pm - 12:30pm Evaluation

## Register Today!

Copy link below or register on our website at

<https://www.rwaaz.org/events#/event/2026/2/5/adeq-exam-prep-advanced-math-grades-3-4yavapai-community-college-verde-valley-campuslunch-provided-first-dayinstructor-dr-marti-blad>

Use QR Code to Register



### Contact us

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