

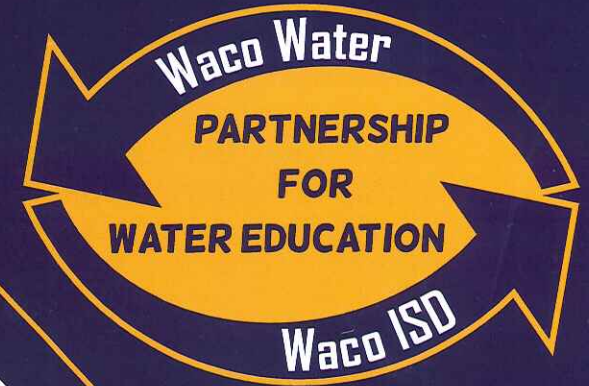
# COMPETITION

In addition to the curriculum and field experience, students are also presented with the opportunity to train and compete in the Texas American Water Works Meter Madness Jr. competition.

Meter Madness Jr. is a new competition held during the Texas Water conference, where high school students compete to see who can fully assemble a water meter the fastest.



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All students in the program have an equal opportunity to compete.

Due to the advanced age of most utility personnel, estimates place the average employee loss at 30% to 50% over the next 10 years.



Students earning bachelors' or master's degrees in science and technology have declined from one-in-six in 1960 to one-in-ten in 2000.

FOR MORE INFORMATION:

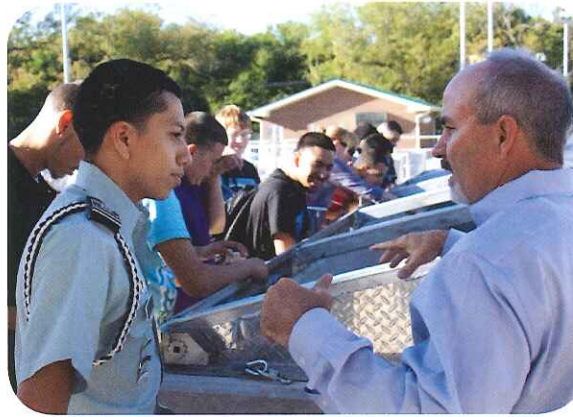
**Glenda Dunn** or **Teresa Bryant**  
City of Waco Water Utility Services  
254-750-8040



## PROGRAM

The City of Waco Water Utility Services, in partnership with Waco ISD High School, AJ Moore Academy, initiated a program to allow high school seniors to receive, through integrated curriculum, the instruction and classroom credit necessary to test for a state-issued Class D Water License.

The State of Texas *Basic Water Operations* curriculum has been integrated with the high schools's Environmental Science curriculum and scheduled so that upon completion of the school year, the students will have the necessary knowledge and classroom credit to sit for the Class D Water License Exam.



## PURPOSE

- Provide students with skills and an immediate career path following high school.
- Create qualified candidates to fill vacant (or soon-to-be vacant) positions within the water industry

## STUDENT BENEFITS

Benefits to the participating students are numerous and have included exposure to all of the following:

- environmental challenges
- laboratory testing
- revenue modeling
- customer relations
- municipal government
- engineering
- environmental regulation
- wildlife habitat restoration
- mechanical repair
- system automation
- public relations
- toxic chemical safety
- organizational management
- data analysis
- conservation

## KEY FACTORS FOR SUCCESS

- Integrated Classroom Curriculum
- Hands-On Field Experience
- Lab Experimentation
- State Licensed Instructor
- State Approved Curriculum
- Interaction with Professional Staff
- Competitive Opportunities
- Opportunity to Sit for Exam



*"I have enjoyed the experience of learning about the treatment of water. I know that the knowledge and skills I have acquired will greatly benefit me in the future."*

-Student Participant