

Maryland Center for Environmental Training

College of Southern Maryland
PO Box 910,
La Plata, MD 20646



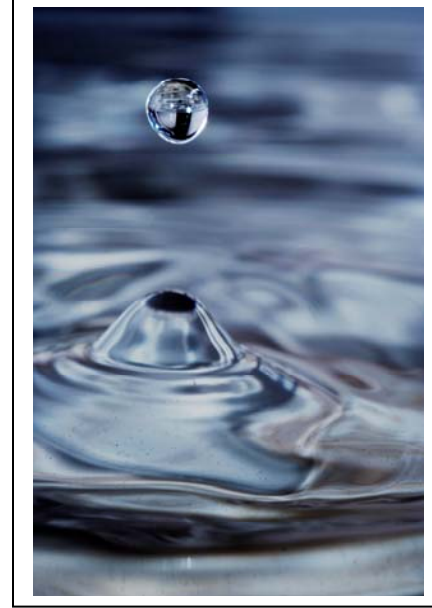
MCET

Maryland Water Operator

Systems Serving Populations
of 3300 or less

Small Water System Operator's Training Program

Funded by the Maryland Department of the
Environment



Maryland Center for Environmental Training

- Free Training
- Curriculum consisting of seven classes covering the principles and practices involved with collecting, treating, storing and distributing safe drinking water

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The College of Southern Maryland maintains a policy of equal opportunity for all persons. Individuals with disabilities who require special accommodations in order to participate in the college's instructional programs should notify the academic support/ADA coordinator at (301) 934-7614 at least one month before the class begins. Requests made after this deadline will be considered on an individual basis and addressed whenever possible.

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 PO Box 910, 8730 Mitchell Road
 La Plata, MD 20646

Mathematics for Small Water System Operators

TRE 4693-09-11, All WT, All WD (Non-Process), 6 hours

All sessions are from 8:30 a.m. – 3:30 p.m

- September 9, 2010, Harford Community College
- September 14, 2010, Chesapeake College
- September 21, 2010, MDE
- September 22, 2010, Washington County Dept. of Water Quality
- September 23, 2010, Garrett College
- September 24, 2010, Princess Anne (MD Cooperative Extension)
- September 30, 2010, MCET

Disinfection and pH Adjustment

TRE 4398-09-03, All W (Process), 6 hours

All sessions are from 8:30 a.m. – 3:30 p.m.

- October 5, 2010, MDE
- October 6, 2010, Washington County Dept. of Water Quality
- October 7, 2010, Garrett College
- October 7, 2010, Harford Community College
- October 15, 2010, Princess Anne (MD Cooperative Extension)
- October 19, 2010, Chesapeake College
- October 20, 2010, MCET

Maintaining Water Distribution Systems

TRE 4423-09-03, All W, WD (Non-Process), 6 hours

All sessions are from 8:30 a.m. – 3:30 p.m.

- November 3, 2010, MDE
- November 4, 2010, Harford Community College
- November 9, 2010, Washington County Dept. of Water Quality
- November 10, 2010, Garrett College
- November 16, 2010, Chesapeake College
- November 17, 2010, MCET
- November 17, 2010, Princess Anne (MD Cooperative Extension)

SDWA Compliance - Operators Exam Preparation

TRE 4399-09-03, All W (Non-Process), 6 hours

All sessions are from 8:30 a.m. – 3:30 p.m.

- November 30, 2010, MDE
- December 2, 2010, Harford Community College
- December 7, 2010, Washington County Dept. of Water Quality
- December 8, 2010, Garrett College
- December 8, 2010, MCET
- December 14, 2010, Chesapeake College
- December 15, 2010, Princess Anne (MD Cooperative Extension)

Regional Offerings

MCET courses are held at community colleges or other designated locations near you. To register for any of these locations please contact MCET at 301-934-7502.

Locations and Dates

Small Drinking Water System Superintendent Course

TRE 4672-09-10, All WT, All WD (Non-Process), 7 hours

All sessions are from 8:00 a.m. – 4:00 p.m.

June 2, 2010, Garrett College

June 3, 2010, Washington County Dept. of Water Quality

June 7, 2010, MDE

June 14, 2010, Harford Community College

June 15, 2010, Chesapeake College

June 16, 2010, Princess Anne (MD Cooperative Extension)

June 17, 2010, MCET

Introduction to Small System Water Treatment

TRE 4396-09-03, All W (Process), 6 hours

All sessions are from 8:30 a.m. – 3:30 p.m.

June 8, 2010, MCET

July 7, 2010, Washington County Dept. of Water Quality

July 8, 2010, Garrett College

July 13, 2010, Chesapeake College

July 15, 2010, Harford Community College

July 15, 2010, Princess Anne (MD Cooperative Extension)

July 22, 2010, MDE

Treatment Processes for Small Water Systems

TRE 4397-09-03, All W (Process), 6 hours

All sessions are from 8:30 a.m. – 3:30 p.m.

August 3, 2010, MDE

August 5, 2010, Harford Community College

August 17, 2010, Chesapeake College

August 24, 2010, Washington County Dept. of Water Quality

August 25, 2010, Garrett College

September 10, 2010, Princess Anne (MD Cooperative Extension)

September 14, 2010, MCET

Small Water System Operator's Training Program Free Classes Starting in June!

The Small Water System Operator's Training Program curriculum consists of seven classes that will be offered exclusively to eligible small water system operators and managers. These classes will provide those operators and managers with an understanding of the principles and practices involved with collecting, treating, storing and distributing safe drinking water. This program is funded by the Maryland Department of the Environment and training is free for operators and managers of public water systems, serving a population of 3,300 or less in Maryland.

Applicants must hold either a temporary or permanent water operator certification or apply for a temporary certification during the timeframe of this program and be employed at a water/distribution system to be eligible for these courses. All applicants must provide proof of employment at a water/distribution system with a PWSID number, which serves less than 3,300. If an operator works at more than one system, and one of the systems serves less than 3,300, then that operator would be eligible. MDE has also provided funding to assist with the cost of both temporary and permanent certification and the cost of taking the certification examination. Call MCET at 301-934-7502 for more information.



FREE Classes Course Descriptions

Small Drinking Water System Superintendent Course

This seven-hour course will provide the small water system superintendent with an overview of the actions required to supply safe drinking water to their customers. Subjects covered will include a review of federal and state drinking water regulations, legal responsibilities, water sampling requirements, public notification methodology, cross connection prevention, wellhead protection, emergency response requirements and best management practices.

Introduction to Small System Water Treatment

This class will provide the participant with general information about the characteristics of water and how chemicals are used to treat source water. Subjects covered will include the characteristics of water, the treatment requirements for ground and surface water as well as the safety and emergency preparedness requirements of a water treatment system.

Treatment Processes for Small Water Systems

This class will inform the participant about how coagulation, flocculation, sedimentation and filtration are used to remove contaminants from source water. In addition, the student will receive instruction on the basic math skills required of a water treatment operator.

Mathematics for Small Water System Operators

This six-hour class will help the small water system operator to successfully solve math problems typically found in the State's operator certification examination. Subjects covered include metric conversions, basic math problem solving, calculating volumes and flow rates, converting pressure to feet of head and chemical dosage calculations. **Each participant should bring a calculator to this class.**

Disinfection and pH Adjustment

This class will inform the participant about pH adjustment and disinfection processes as well as the chemical and feed systems used in basic water treatment.

Maintaining Water Distribution Systems

This class will give the distribution system operator an overview of water distribution system theory, construction, operation, maintenance and safety. Subjects covered will include the design and construction of distribution systems, water quality monitoring, operation and maintenance tasks and safe working practices.

SDWA Compliance – Operator Exam Preparation

This class will inform the participant how to maintain compliance with the federal and state drinking water regulations, including sample collection, administrative responsibilities, and consumer confidence reports. The student will also receive instruction and practice in how to take the state treatment and distribution system operator examinations.

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