

MRWA's New Water Operator Certification Preparatory Courses

Class Descriptions

VSWS – Designed for operators of Very Small Water Systems with minimal or no treatment. The 3-day course introduces the principals and practices of collecting, treating, storing, and distributing safe drinking water. This course uses the latest edition of *Introduction to Small Water Systems*, published by ACR Publications.

Class 1 Treatment – The 4-day course focuses on principles and practices of collecting, testing, treating, storing, and distributing safe drinking water for a Class 1 Treatment Operator. This course introduces various water treatment techniques, disinfection, hydraulics, appurtenances, operator safety, and rules and regulations governing public water systems. The course uses the latest version of *Water Treatment, Grade 1*, published by AWWA. These texts are from AWWA's Water System Operator Series, and are the texts recommended by the Association of Boards of Certification (ABC) for test preparation.

Class 2 Treatment – The 4-day course focuses on principles and practices of collecting, testing, treating, storing, and distributing safe drinking water for a Class 2 Treatment Operator. This course builds upon the concepts from the Class 1 T course, and examines various water treatment techniques, disinfection, hydraulics, appurtenances, operator safety, and rules and regulations governing public water systems more deeply. The course uses the latest version of *Water Treatment, Grade 2*, published by AWWA. These texts are from AWWA's Water System Operator Series, and are the texts recommended by the Association of Boards of Certification (ABC) for test preparation. Prior participation in our Class 1 T Course is highly recommended.

Class 1 & 2 Distribution – The 4-day course focuses on principles and practices of collecting, testing, treating, storing, and distributing safe drinking water for a Class 1/2 Distribution Operator. This course examines various water treatment techniques, disinfection, operator safety, and rules and regulations governing public water systems more deeply. The course uses the latest version of *Water Distribution, Grade 1/2*, published by AWWA. This text is from AWWA's Water System Operator Series, and are the texts recommended by the Association of Boards of Certification (ABC) for test preparation.

Class 3 & 4 Treatment – The 4-day course focuses on principles and practices of collecting, testing, treating, storing, and distributing safe drinking water for a Class 3/4 Treatment Operator. This course builds upon the concepts from previous courses, and examines various water treatment techniques, disinfection, operator safety, and rules and regulations governing public water systems more deeply. The course uses the latest version of *Water Treatment, Grade 3/4*, published by AWWA. This text is from AWWA's Water System Operator Series, and are the texts recommended by the Association of Boards of Certification (ABC) for test preparation. Prior participation Class 1 T and Class 2 T courses is highly recommended.

Class 3 & 4 Distribution – The 4-day course focuses on principles and practices of collecting, testing, treating, storing, and distributing safe drinking water for a Class 3/4 Distribution Operator. This course builds upon the concepts from the Class 2 T/D course, and examines

various water treatment techniques, disinfection, operator safety, and rules and regulations governing public water systems more deeply. The course uses the latest version of *Water Distribution, Grade 3/4*, published by AWWA. This text is from AWWA's Water System Operator Series, and are the texts recommended by the Association of Boards of Certification (ABC) for test preparation. Prior participation in our Class 1&2 D Course is highly recommended.

Math for Class 1 & 2 Treatment & Distribution - We've taken the math out of the Prep Courses and created a completely new 2-day course to help prepare students for the Class 1 or Class 2 Treatment and Distribution exams. There will be many sample problems for practice.

Math for Class 3 & 4 Treatment & Distribution - We've taken the math out of the Prep Courses and created a completely new 2-day course to help prepare students for the Class 3/4 Treatment and Distribution exams. There will be many sample problems for practice.

Test Taking Tips and Tricks – No matter how well prepared you are for the exam, there will always be questions that throw you for a loop. This one-day course is designed to teach you techniques for taking multiple choice exams that may help you get the right answer even if you don't completely understand the question! This course is not intended to replace the study an operator must undertake to prepare for a certification exam, but it will certainly help in those tight situations.

MRWA's Wastewater Operator Preparatory Courses

Class Descriptions

Grade 1 & 2 Wastewater Systems Preparatory Course - This course will prepare students for taking the State of Maine Grade 1 and Grade 2 Biological Wastewater Operator's Exams. Students will be introduced to basic wastewater treatment and the aspects of operating and maintaining treatment processes and equipment. Safe work practices and procedures will be emphasized. In addition, students will analyze and solve operational problems and perform mathematical calculations related to wastewater treatment process control. This course utilizes the ACR *Introduction to Small Wastewater Systems* manual. The manual is available through MRWA.

Grade 3 & 4 Wastewater Systems Preparatory Course - This course will prepare students for taking the State of Maine Grade 3 and Grade 4 Biological Wastewater Operator's Exams.