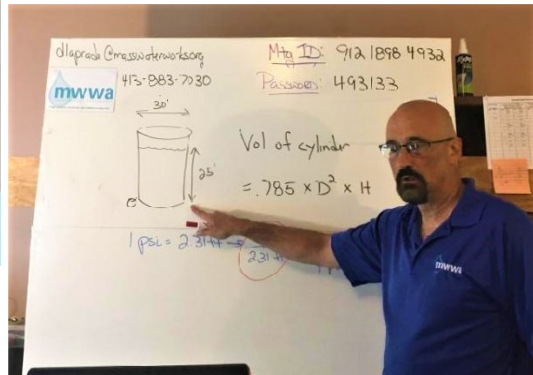


Steven Fitzpatrick (Wakefield Water Dept.), following Dan Laprade's course



Course instructor Dan Laprade teaches the 12-week Distribution course from his home, using Zoom

MWWA 2020 FALL COURSES ONLINE

Social distancing doesn't have to impact your learning!

In these times of uncertainty, make your career development certain! During the Fall of 2020, MWWA will provide many remote learning opportunities that will prepare you for drinking water operator licensing exams. See reverse side for more details and how to register.



Testimonials from students in our recent courses:

"Honestly this is the most prepared I have felt out of any online courses I have taken so far. You [instructor] are very well organized and make it pretty easy to understand the Math concepts and the material in the slides."

"This course is very well organized. The videos at the start of each week are extremely helpful as well."

"I enjoyed the consistency of this course. Each week I knew I was responsible for completing the readings, the videos, a discussion and a quiz."

"I love the weekly quizzes and the video format. I learn a lot better with visual."

"First online class experience. Timely. Accessible, easy to interact."

Drinking Water Distribution I for D2, D3, D4 I*
* Note: this course is offered in both a Zoom format and in a self-paced format.

Basic Drinking Water Treatment I for T2 I

Advanced Drinking Water Treatment I for T3, T4 I

Introduction to Becoming a Public Water System Operator I for VSS, T1, D1 I

Review of Advanced Water Distribution Concepts I for D3, D4 I

MWWA

693 Massachusetts Avenue
Acton, MA 01720

For more info, visit our website:
www.masswaterworks.org

or contact Training Coordinator
Dan Laprade at:
dlaprade@masswaterworks.org



*****Please note the following important information regarding these online course offerings*****

- All courses are approved by the Mass. Board of Certification of Drinking Water Operators.
- Registrations must be done on-line (www.masswaterworks.org) and be made 2 weeks prior to the start of the class in order to ensure delivery of course materials (textbooks/binder). Late registrations will be charged a late fee.
If you need registration assistance please email adminmwwa@masswaterworks.org or call: **978-263-1388**.
- All courses, with the exception of the “Self-Paced Distribution Course” (see details in the course description below), are live video classes taught remotely using the Zoom format. Using the Zoom format requires each student to:
 - ✓ Log into the Zoom class at the designated time each week (attendance is recorded weekly).
 - ✓ Have a reliable, high speed internet connection and a computer device with both audio and video capabilities.
(Audio connection to Zoom can be made using a phone).
- A practice session will be available prior to each course for students not familiar with Zoom
- Full refunds can only be issued if withdrawing prior to the first week of the course (no refunds on books or shipping fees).

Drinking Water Distribution (Zoom) – For Grades D2, D3 & D4 (37 TCHs)
Mon., Sept. 14 – Dec. 7, 1 – 4:30 PM (No class on 10/12) Course = \$829, Textbook = \$90

This is a 12 week live video Zoom course. It is designed to introduce the concepts of drinking water distribution operations. Material covered includes source water concepts, basic math and chemistry, regulations, sampling, hydraulics, distribution system components, equipment operation and maintenance, safety, and administrative duties. Taking and passing this course is a pre-requisite for taking the Grades D2, D3 or D4 examinations.

Drinking Water Distribution (Self-Paced) – For Grade D2, D3 & D4 (37 TCHs)
Sept. 14 – Dec. 4, (12 weeks) Course = \$829, Textbook = \$90 *See note below

This 12 week online course covers the same material as the course noted above, however it is a self-paced course for those preferring a more flexible schedule. The course uses the “Blackboard” teaching platform that allows students to log in and watch the instructional videos at any time. Students must complete weekly quizzes and participate in weekly group discussions. There is an online midterm and final exam. Taking and passing this course is a pre-requisite for taking the Grades D2, D3 or D4 examinations.

*Note:Registration for this course is through Springfield Technical Community College (STCC) <https://www.stcc.edu/wdc/>. All students will be issued a STCC email address and a “Blackboard” account. Students must purchase the manual (“Water Distribution System Operation & Maintenance” directly through Sacramento State University <http://www.owp.csus.edu/courses/drinking-water.php>.

Basic Drinking Water Treatment (Zoom) – For Grade T2 (37 TCHs)
Tue., Sept. 15 – Dec. 8, 8:30 AM – 12:00 PM (No class 10/13) Course = \$829, Textbooks = \$149

This is a 12 week live video Zoom course. It is designed to provide the student with the general concepts of drinking water treatment operations. Taking and passing this course is a pre-requisite for taking the Grade 2 Treatment examination. Material covered includes hydrology, source waters, basic chemistry, treatment technologies, proper chemical application, regulations, laboratory analysis, equipment maintenance, safety, and administrative duties.

Advanced Drinking Water Treatment (Zoom) – For Grades T3 & T4 (30 TCHs)
Wed., Sept. 23 – Dec. 16, 8:30 AM – 12:00 PM (No class 11/11 & 11/25) Course = \$829, Textbooks = \$149

This is an 11 week live video Zoom course. Taking and passing this course is a pre-requisite for taking the Grades 3 & 4 Treatment examinations. Operators will review various treatment technologies and learn to evaluate process control strategies. In-depth instruction will include source water management, water chemistry, sampling and laboratory procedures, chemical addition, filter operation and performance criteria, instrumentation and controls, regulations, reporting, safety, and administrative duties.

Introduction to Becoming a Public Water System Operator (Zoom) – For Grades: VSS/D1/T1 (12 TCHs)
Fri, Oct. 2 – Nov. 4, 2020, 8:30 AM – 12:00 PM, (No class 10/9) Members = \$325, Nonmembers = \$400

This is a 5 week live video Zoom course designed to introduce individuals with little or no previous drinking water experience in preparing for the Grade 1 Treatment and Distribution examination, as well as the Very Small System (VSS) examination. The course will cover the basics of math & chemistry; regulations; water treatment, water sampling, distribution system components and safety. Students will receive a student binder containing the course material.

Grade 3 & 4 Review of Advanced Water Distribution (Zoom) – For Grades: D3, D4 (9 TCHs)
Fri., Nov 20 – Dec. 18, 8:30 AM – 12:00 PM, (No class 11/27 & 12/11) Members = \$200, Nonmembers = \$275

This 3 week course will focus on presenting the topics necessary to prepare for the Grade 3 and 4 Distribution exam. It will include an in-depth discussion on regulations, equipment trouble-shooting, administrative duties, and complex math problems (e.g. Hydraulics, thrust block design and financial planning). Students will receive a student binder containing the course material. There is no required textbook for this course, but it is strongly recommended that students have access to a reference textbook such as the Sacramento State, “Water Distribution System Operation and Maintenance Manual” or the AWWA “Water Distribution” Manual (Grades 3 & 4).