



MWWA OPERATOR EXAM PREPARATION COURSE

Concepts & Practices of Advanced Water Treatment (T3/T4) **Self-Paced Course!**

MWWA Course ID #EXM-2021-01

Enjoy the flexibility of taking this MA Board of Certification-approved course using a self-paced format. This course allows students to log into the “Blackboard” teaching platform at any time and watch instructional videos and complete weekly discussions, reading assignments and quizzes. It is taught over an 11-week period and is a prerequisite for taking the Massachusetts Grades T3 and T4 Water Treatment Licensing Exam(s). Students registering for this class must have successfully completed the “Basic Treatment” course or currently have a Grade 2 Treatment license.

In each weekly teaching module students will learn about source water protection & management, water chemistry, sampling & laboratory procedures, chemical addition, filter operation & performance, regulations, instrumentation & controls, equipment operation & maintenance, safety, and administrative duties. *(Note: Individual must be able to perform basic math and algebra operations to be successful in this course. Individuals not comfortable with math and algebra should consider taking a math or algebra class)*

This course has been made possible through a partnership with Mass Water Works Association (MWWA), Springfield Technical Community College (STCC) and Springfield Water & Sewer Commission (SWSC). Registered students will be issued an email account and a Blackboard account from STCC. Use of both accounts is necessary to participate in the course. The instructor will also offer weekly “Open Office” sessions through Zoom for any students with questions or needing additional help.

Upon successful completion of this course a “Certificate of Completion” will be issued along with a Certificate for up to 33 Training Contact Hours (TCH). Successful completion requires achieving a final score of 70 points through a combination of participation in weekly discussions, completing weekly quizzes and taking both a midterm and final exam.

DATE: Starts Sept. 7th. Ends Nov. 5th, 2021
INSTRUCTOR: Dan Laprade, P.E.
COST: Course = \$829 (There is no course fee for students enrolled full time in a MA State Community College)
Textbooks = \$90 each. “Water Treatment Plant Operation”, Vol. I and II (7th Ed.), Sacramento State Univ. *(These books must be ordered through MWWA and picked up at the MWWA office or shipped for an additional fee of \$20)*

Registrations must be done on-line through Springfield Technical Community College:
<https://www.stcc.edu/wdc/descriptions/wtrd-024-advanced-drinking-water-treatment/>