



MWWA WATER OPERATOR EXAM PREPARATION COURSE

Review of Advanced Distribution Concepts – for Grades 3 & 4 Exams **Remote Class via Zoom**

Course ID # MWWA 20-006

This 4-week course will present the topics necessary to help prepare individuals for the Grade 3 and 4 Distribution exams. This will be done through a series of classroom instruction, weekly homework assignments and a 25-question practice exam on the final week of the course. It will include an in-depth discussion on regulations, equipment troubleshooting, administrative duties and complex math problems involving such things as hydraulics, thrust block design and financial planning. Students will receive a student binder that will contain the instructional PowerPoints as well as weekly homework assignments. 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).

Students attending all 4 classes will be awarded **12.0 TCHs** (Training Contact Hours).

This course is being taught using the Zoom platform. Participants will need to have a reliable highspeed internet connection and computer device with **both video and audio** capability. Please review our Student Expectations for Attending Virtual Training at www.masswaterworks.org/education (Note: An optional practice session will be held on Monday, August 22nd @ 8:30 AM for anyone not familiar with using Zoom)

LOCATION: Remote Training Via Zoom
DATES: Tuesdays, August 23rd – September 20th, 2022 (no class on 9/6/22)
TIME: 8:30 a.m. – 12:00 p.m.
INSTRUCTOR: Dan Laprade, MWWA Training Coordinator
COST: **\$350 Members; \$425 Nonmembers**

AGENDA:	Week #1	Source Water, Chemistry & Hydraulics
	Week #2	Pipe Installation & Maintenance
		O & M of: Valves, Pumps, Tanks, Meters
		Cross Connection Control Program
	Week #3	Disinfection, Corrosion Control, Fluoridation
	Week #4	Process Control & Administrative Duties
		Safety & Security
		Tips for Water Operator License Exam
		25 Question Practice Exam

Registrations must be done on-line (www.masswaterworks.org). If you need registration assistance, please email adminmwwa@masswaterworks.org or call 978-263-1388.