

WWOT105	Water Quality for Water and Wastewater Operators – 1.5 CEUs	<p>Understanding the hydrologic cycle and water related regulations are critical in identifying the appropriate responses for the day to day decision-making of a water and wastewater operator. In this course you will learn about the basic hydrologic cycle as it related to water supply and wastewater management, the concept of watershed, and key aspects of relevant regulations. Further, you will have opportunities for field practice in environmental sampling, quality assurance and quality control to get representative water quality measurements from different water sources.</p>	Jan – 15 & 16	15	2 Days	8:30 – 4:00	\$425
WWWOT 110	Math & Chemistry for Water and Wastewater Operators – 2.5 CEUs	<p>Water and Wastewater Operators require a solid grasp of basic math skills. In this course you will learn essential mathematics as well as the basic principles of chemistry relating to the commonly used chemicals in water and wastewater operations. Learning activities will include hands-on experience in using basic laboratory equipment to conduct routine analysis from sample to report that is part of the day-to-day duties of an operator.</p>	Call for more information	25	4 Days	8:30 – 4:00	\$1000

WWOT 115	Maps, Blueprints & Drawings – 1.0 CEUs	In this course you will be introduced to various mapping methods such as topographic, detail and aerial, and to how to interpret their data. You will be introduced to blueprint reading and identification of various structures and equipment from blueprints by utilizing hands-on classroom activities. As well, you will learn to recognize the most common symbols used in related engineering drawings including process flow diagrams (PFD) and process and instrumentation diagrams (P&ID).	Jan 17 th & 18 th	10	2 Days	8:30 – 4:30	\$425.00
WWOT 120	Fundamentals of Water Distribution – 3.0 CEUs	Safe potable water distribution is an integral component of basic sanitation and modern living. This course covers the components of a typical water distribution system, regulatory requirements, monitoring, associated hydraulics, and common operation and maintenance concerns. In addition to classroom learning activities, work in a simulated lab environment will give you problem-solving experience in the areas of operation and maintenance of pump stations, water storage reservoirs and ancillary equipment.	Feb 5 th – 8 th	30	4 Days	8:30 – 4:30	\$1000.00

WWOT 125	Fundamentals of Water Treatment – 3.5 CEUs	Production of safe drinking water is paramount for a healthy community. In this course, you will learn how the water is obtained from various raw water sources and then treated to meet the drinking water standards. You will learn basic water treatment processes, their design and operation. Monitoring and troubleshooting the performance of individual process unit will be learned through interactive activities. In addition to classroom learning activities, work in a simulated lab environment will give you problem-solving experience in the areas of operation and maintenance of treatment processes and ancillary equipment.	Feb 26 – Mar 2	35	5 Days	8:30 – 4:30	\$1250.00
WWOT 130	Fundamentals of Wastewater Collection – 3.0 CEUs	In this course, you will gain a comprehensive overview of wastewater discharge regulations, various types of wastewater collection systems, and the major components and ancillary equipment involved. As hydraulics plays a major role in efficient wastewater collections, you will also be introduced to the basic hydraulic principles as they apply to wastewater collection. In	Mar 12 th - 15 th	30	4 Days	8:30 – 4:30	\$1000.00

		addition to classroom learning activities, work in a simulated lab environment will give you problem-solving experience in the areas of operation and maintenance of pump/lift stations, wastewater conveyance systems and ancillary equipment.					
WWOT 135	Fundamentals of Wastewater Treatment – 4.0 CEUs	In this course, you will learn state-of-the-art wastewater treatment methods that utilize chemical, physical and biological principles. You will be introduced to the regulatory requirements, design concepts and associated operational techniques of wastewater treatment. In addition to classroom learning activities, work in a simulated lab environment will give you problem-solving experience in the areas of operation and maintenance of wastewater treatment systems and ancillary equipment.	April 9 th – 13 th	40	5	8:30 – 4:30	\$1250.00
WWOT 140	Water and Wastewater Applied Project – 1.5 CEUs	In this course you will draw on and connect your knowledge of water and wastewater operations to solve problems using computer simulation and scenarios. You will complete written and verbal reports on your proposed solution to a scenario chosen from the areas of water distribution, water	Call for more information	15	2	8:30 – 4:30	\$ 425.00

		treatment, wastewater collection and wastewater treatment. The course structure will guide you through the topic selection, research, data analysis, and report preparation.					
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