Introduction to Hydraulics  
February 23, 2016  
Instructor: Robert Pitbladdo  
Fee: $250  
NJ licensed water operators: $125 (T, W, VSWS only)  
6 TCHs for NJ licensed drinking water and wastewater operators  
NJDEP Approval #01-061101-30  

This course is designed to cover the basic principles of hydraulics that apply to most trades. Detailed explanations will be given on the operation, maintenance and cause-failure analysis of pumps, hydraulic motors, ejectors, pressure and flow controls, and heat-exchangers. Topics will include: the physical properties of liquids; pressure and force relationships; ejectors, pumps and control valves; hydraulic motors and their applications; and hydraulic blueprint reading.

Math Refresher for Water/Wastewater Operators  
February 25, 2016  
Instructors: Joe Bonaccorso & Steve Dowhan  
Fee: $255  
Multi fee: $225  
NJ licensed water operators: $127.50 (T, W or VSWS only)  
6 TCHs for NJ licensed drinking water and wastewater operators  
NJDEP Approval #01-010104-30  

This course is designed to build confidence in the understanding of basic mathematics and problem solving. In a relaxed setting, students are encouraged to draw on workplace experience and draw on workplace experience and common sense to improve their basic math skills and learn how to solve math-related problems that occur daily in the workplace. Topics will include:

- Addition and subtraction
- Percentages/graphs
- Multiplication and division
- Weight/volume relationships
- Area/volume calculations
- Metric conversions and velocity and flow rate conversions.

A great review for licensing or certification exams!
Management Skills for Supervisors

March 22 & 23, 2016
Course Code: EO0103CC16
Instructors: Ned Lipman and Terry Tomsky
Fee: $480
NJ licensed water operators $240 (T, W, VSWS only)
12 TCHs for NJ licensed drinking water and wastewater operators

This one-day class brings the science of microbiology to everyday licensed water operators. NJDEP or USEPA training requirements are covered. The course is designed for individuals who are new to the profession, who need additional training, or who require a refresher course on this subject.

Effective Emergency Communications

March 29, 2016
Course Code: EO109CA16
 Instructor: William Jamison
Registration fee: $285
Multi fee: $255
NJ licensed water operators $142.50 (T, W, VSWS only)
6 TCHs for NJ licensed drinking water and wastewater operators

Effective communicating with co-workers, employees, supervisors and the public is critical to successfully operate in any business or organization. This is especially true in times of emergencies, such as power outages, floods, hurricanes or other disasters. This course provides awareness level training in developing and delivering communications to the public, partners and the media. The program presents methods for improving internal communications, developing partnerships, and communicating with the public and/or media during a crisis. This course will be presented in case study activities to put the information presented into practice.

Water and Wastewater Chemistry

Instructor: William Jamison
(formerly employed by the NJ Department of Health) is a veteran of the anthrax scare and other large-scale public health emergencies - let his experience work for you!

April 6, 2016
Course Code: EO0101CA16
Registration fee: $265
6 TCHs for NJ water and wastewater license holders

This course will address the basic chemistry and treatment methodologies used in drinking water and wastewater operations. Even if you aren’t taking a licensing exam in the near future, this class will help you to review and reinforce the basics. Topics will include: balancing equations, chemical symbols, scientific notation, chemical contaminants of drinking water detection and limits, NJDEP/USEPA MCLs and wastewater discharge limits, wastewater treatment chemistry and secondary “nuisance” chemicals, chemical disinfection (including alternative disinfectants) the chemistry of corrosion control, coagulation, flocculation and filtration, basic chemical dosage calculations and problem solving.

Microbiology for the Non-Biologist

April 15, 2016
Course Code: EO0105CA16
Administrative Assistant: Claudine Oleskin, 848-932-7204
Payment Policy - All students must have prearranged for payment to be admitted to the class.
Cancellation & Substitution Policy - Registrants may withdraw from a course up to (1) three full working days before a course begins and receive a full refund of the registration fee. The Office of Continuing Professional Education is not notified in writing of less than three full working days prior to the start date, registrants may be responsible for the full fee. Substitutions are permitted.
Accommodations for Individuals with Disabilities - If you require special assistance, please contact our Office of Continuing Professional Education at least three full working days prior to the start of class. We will work with you to determine the best accommodations available.

This one-day class was developed for pond owners, pond managers, landscape architects, engineers and anyone involved with the design, management or maintenance of ponds. The course will help you make the proper decisions regarding pond function and upkeep. This course will help you identify pond problems – including algal blooms – and understand the appropriate solutions. This class is designed to be beneficial to utility personnel, pond managers, and hobbyists.

Customer Service Skills for Water/Wastewater Utility Operations

April 28, 2016
Course Code: EO108CA16
Instructor: Stan Elson
Registration fee: $270
Multi fee: $240
NJ licensed water operators: $135 (T, W, VSWS only)
6 TCHs for NJ licensed drinking water and wastewater operators

This course provides awareness level training in developing and delivering customer service skills to the public, partners and the media. The program presents methods for improving internal communications, developing partnerships, and communicating with the public and/or media during a crisis. This course will be presented in case study activities to put the information presented into practice.

Pond Design, Management and Maintenance

April 6, 2016
Course Code: EO0101CA16
Contact Information - Program Coordinator: Carol Broccoli, 848-932-7207; Administrative Assistant: Claudine Oleskin, 848-932-7204

Customers – who are they? Your first response may be the “people” skills to more successfully manage the everyday job challenges in your workplace.

Pond Design, Management and Maintenance

Course Code: EO0101CA16
Apr 6, 2016
Registration fee: $265
6 TCHs for NJ water and wastewater license holders
NJ licensed water operators: $132.50 (T, W, VSWS only)
NJDEP Approval #01-010105-30
Payment Policy - All students must have prearranged for payment to be admitted to the class.
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Something else that might interest you!

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