<table>
<thead>
<tr>
<th>Course Code</th>
<th>Name</th>
<th>Date</th>
<th>Fee</th>
<th>Multi fee</th>
<th>NJ licensed water operators</th>
<th>Approval #</th>
</tr>
</thead>
<tbody>
<tr>
<td>EO0106CA12</td>
<td>Math Refresher for Water, Wastewater &amp; Utility Operations</td>
<td>February 14, 2012</td>
<td>$235</td>
<td>$195</td>
<td>$117.50 (T, W or VSWS only)</td>
<td>#01-010104-30</td>
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<tr>
<td>EO0109CA12</td>
<td>Effective Emergency Communications</td>
<td>March 1, 2012</td>
<td>$270</td>
<td>$250</td>
<td>$135 (T, W or VSWS only)</td>
<td>#01-090603-30</td>
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<tr>
<td>EE0104CA12</td>
<td>Microbiology for the Non-Biologist</td>
<td>April 4, 2012</td>
<td>$350</td>
<td>$300</td>
<td>$175 (T, W or VSWS only)</td>
<td>#01-040603-30</td>
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<tr>
<td>EE0105CA12</td>
<td>Water &amp; Wastewater Chemistry: Back to the Basics</td>
<td>April 10, 2012</td>
<td>$325</td>
<td>$290</td>
<td>$162.50 (T, W or VSWS only)</td>
<td>#01-050603-30</td>
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<tr>
<td>EE0107CA12</td>
<td>Operation &amp; Maintenance of Wastewater Collection Systems</td>
<td>April 17 &amp; 18, 2012</td>
<td>$350</td>
<td>$300</td>
<td>$175 (T, W or VSWS only)</td>
<td>#01-070603-30</td>
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<tr>
<td>EE0108CA12</td>
<td>Customer Service Skills for Utility Personnel</td>
<td>April 19, 2012</td>
<td>$325</td>
<td>$290</td>
<td>$162.50 (T, W or VSWS only)</td>
<td>#01-080603-30</td>
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</table>

Operations personnel face math problems on the job everyday. 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 common sense to improve their basic math skills and to learn to solve math-related problems that occur daily in the workplace. Topics will include: addition and subtraction, percentages/graphs, multiplication and division, weigh volume relations, area/volume calculations, metric conversions, velocity and flow rate conversions.

A great review for licensing exams!
Water and Wastewater Chemistry: Back to the Basics
April 10, 2012
Course code: EO0107CA12
Instructor/Course Coordinator: Michael Furrey
Registration fee: $260
NJ licensed water operators: $130 (T, W or VSWS only)
Multi fee: $240
0.6 CEUs/6 TCHs for NJ water and wastewater license holders
Approval #01-010105-30

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, let this class 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

Inclement Weather
If winter weather is threatening, we will post information about the class cancellations by 6:00am on the home page of our website www.cpe.rutgers.edu and on a recorded message at 732-932-9271. Cancellations will not be broadcast on the radio.

Payment Policy - All students must have prearranged for payment to be admitted to the class (purchase order, check, Visa, Mastercard, American Express or money order).
Refunds - You may withdraw from these courses with a full refund (minus a $50 processing fee) provided our office is notified at least three (3) full working days prior to the start of the course. Beyond that time, registrants may be responsible for the full registration fee. Substitutions are welcomed.

NOTE - Unless otherwise specified, continental breakfast and lunch are included in your registration fee(s).