

## Water Distribution Manager III & IV Certification Exam Preparation Course

### Course Outcomes

- ◆ Review topics related to ABC Need to Know Criteria in preparation for Washington State Department of Health Water Distribution Manager III & IV Certification Exams.
- ◆ Ability to apply the Need to Know Criteria during certification exams
- ◆ Identify area of weakness where additional study is required.
- ◆ Build confidence in preparing for the examinations.

### Course Outline and Schedule

Time (Hours)	Topic
<b>First Day</b>	
0.75	Examination Preparation <ul style="list-style-type: none"> <li>• Need-To-Know Criteria</li> <li>• Formulas and Conversions</li> </ul>
1.00	Math Review <ul style="list-style-type: none"> <li>• Applying mathematic principals for operation of Public Water Systems</li> </ul>
.25	<b>Break</b>
1.75	Hydraulics review
1.0	<b>Lunch</b>
1.75	Science review <ul style="list-style-type: none"> <li>• Water Sources and Characteristics</li> <li>• Water Quality</li> <li>• Science and Laboratory</li> </ul>
.25	<b>Break</b>
1.00	Drinking Water Regulations & Compliance
0.75	Safety

<b>Second Day</b>	
1.75	Water system operation and maintenance procedures <ul style="list-style-type: none"> <li>• Disinfection, Chemical Feed and Fluoridation</li> <li>• Corrosion Control</li> <li>• Pumps</li> <li>• Service Connections &amp; Meters</li> </ul>
.25	<b>Break</b>
1.75	Water system operation and maintenance procedures (continued) <ul style="list-style-type: none"> <li>• Water Mains</li> <li>• Valves</li> <li>• Hydrants</li> <li>• Storage</li> </ul>
1.0	<b>Lunch</b>
0.50	Cross Connection Control and Backflow
0.50	Automated Control Systems
0.50	Safety
0.25	<b>Break</b>
2.00	Supervision, Management & Public Relations <ul style="list-style-type: none"> <li>• Personnel</li> <li>• Maintenance Management</li> <li>• Budgeting</li> <li>• Quality control</li> </ul>



Instructor **Scott Hemingway** has over 20-years experience, teaching and managing water systems.

Scott is certified as a Water Distribution Manager IV, Cross Connection Control Specialist, Water Treatment Plant Operator I, Basic Treatment Operator and Qualified Sanitary Survey.

Scott received his MS Degree from Iowa State University.