

Operators Continuing Education Courses

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| | Acts of Terrorism/Weapons of Mass Destruction (WMD) Preparedness and Managing a Small Drinking Water System for Local Officials: Proposed New Regulations for Backflow Prevention Devices and Environmental Awareness - Air Quality, Water Quality, | | | |
| CEH 2002-097 | Understanding Waterborne Pathogens | WVRWA | 3 | I-IV |
| CEH2001-001 | AWWA Disinfection Teleconference | AWWA | 3.5 | I-IV |
| CEH2001-002 | Water Chemistry 101 | WVRWA | 12 | I-IV |
| CEH2001-003 | Customer Relations | WVRWA | 3 | I-IV |
| CEH2001-004 | Basic Water Treatment Safety | WVRWA | 6 | I-IV |
| CEH2001-005 | Water Works Math | WVRWA | 6 | I-IV |
| CEH2001-006 | Electric & Telemetry Troubleshooting | WVRWA | 2 | I-IV |
| CEH2001-007 | PVC Seminar | WVRWA | 1 | I-IV |
| CEH2001-008 | Preventive Maintenance Program | WVRWA | 3 | I-IV |
| CEH2001-009 | Emergency Response | WVRWA | 6 | I-IV |
| CEH2001-010 | Consolidated with CEH2001-021 | WVRWA | | |
| CEH2001-011 | Consolidated with CEH2001-021 | WVRWA | | |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|---|----------------|-------------|----------------|
| CEH2001-012 | Sources of Contamination for PWS | WVRWA | 6 | I-IV |
| CEH2001-013 | Public Water Wells | WVRWA | 6 | I-IV |
| CEH2001-014 | Cross Connection & Backflow Prevention | WVRWA | 4 | I-IV |
| CEH2001-015 | Valves & Hydrant Maintenance | WVRWA | 4 | I-IV |
| CEH2001-016 | Risk/Process Safety Management Program Training | WVAWCO | 8 | I-IV |
| CEH2001-017 | Chemical Hygiene Plant Training | WVAWCO | 1 | I-IV |
| CEH2001-018 | Chlorine Safety | WVRWA | 2 | I-IV |
| CEH2001-019 | Budget Preparation | WVRWA | 3 | I-IV |
| CEH2001-020 | New Public Notice Rule | WVRWA | 4 | I-IV |
| CEH2001-021 | Plant Operation and Process Control | WVRWA | 7 | I-IV |
| CEH2001-022 | Implementing a Cross Connection Program | WVRWA | 4 | I-IV |
| CEH2001-024 | Consolidated with CEH2001-018 | WVRWA | | |
| CEH2001-025 | Leak Detection | WVRWA | 4 | I-II |
| CEH2001-026 | WellCare Workshop | WVAWCO | 5 | I-IV |
| CEH2001-027 | Chlorine and Chlorinators | WVRWA | 4 | I-IV |
| CEH2001-028 | PRV Maintenance Class | WVRWA | 6 | I-IV |
| CEH2001-029 | Respiratory Protection Training | WVAWCO | 4 | I-IV |
| CEH2001-030 | Safe Handling of Chlorine | WVAWCO | 2 | I-IV |
| CEH2001-031 | EXPO 2K-1 | AWWA | 2 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| CEH2001-032 | Beginning Access | WVAWCO | 14 | I-IV |
| CEH2001-033 | Intermediate Access | WVAWCO | 7 | I-IV |
| CEH2001-034 | Beginning Excel | WVAWCO | 7 | I-IV |
| CEH2001-035 | Intermediate Excel | WVAWCO | 7 | I-IV |
| CEH2001-036 | Jar Testing | WVRWA | 3 | I-IV |
| CEH2001-037 | SDWA Regulations | WVRWA | 3 | I-IV |
| CEH2001-038 | New Hire Safety Orientation | WVAWCO | 3 | I-IV |
| CEH2001-039 | Antidegradation Rules | WVRWA | 1 | I-IV |
| CEH2001-041 | Wellhead/Groundwater Program Forum | WVRWA | 1.25 | I-IV |
| CEH2001-042 | O&M of Pressure Reducing & Regulating Valves | WVRWA | 1.25 | I-IV |
| CEH2001-043 | Customer Relations | WVRWA | 1.25 | I-IV |
| CEH2001-044 | Municipal & PSD Board Handbook | WVRWA | 1.25 | I-IV |
| CEH2001-045 | Basics of Project Financing | WVRWA | 1.25 | I-IV |
| CEH2001-046 | Hands-On Leak Detection | WVRWA | 3 | I-IV |
| CEH2001-047 | Basic Math Water Preparation Refresher | WVRWA | 1.25 | I-II |
| CEH2001-048 | Labor Laws | WVRWA | 1.25 | I-IV |
| CEH2001-049 | Short & Long Term Capital Improvement Plans | WVRWA | 1.25 | I-IV |
| CEH2001-050 | Lead Based Paint on Tanks | WVRWA | 1.25 | I-IV |
| CEH2001-051 | Leak Adjustment Policy | WVRWA | 1.25 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|---|----------------|-------------|----------------|
| CEH2001-052 | Chemistry for Operators | WVRWA | 1.25 | I-IV |
| CEH2001-053 | The WV/NPDES Permitting Program | WVRWA | 1.25 | I-IV |
| CEH2001-054 | Emergency Planning & Response | WVRWA | 1.25 | I-IV |
| CEH2001-055 | Trench Shoring and Safety | WVRWA | 1.5 | I-IV |
| CEH2001-057 | Rules, Regulations & Paperwork for Mainline Extensions | WVRWA | 1.5 | I-IV |
| CEH2001-058 | Budget Preparation | WVRWA | 1.5 | I-IV |
| CEH2001-059 | Class Cost of Service Study | WVRWA | 1.25 | I-IV |
| CEH2001-060 | Operator Continuing Education Training Program Update | WVRWA | 1 | I-IV |
| CEH2001-061 | Math WW Certification Refresher | WVRWA | 1 | I-II |
| CEH2001-062 | Introduction to Spreadsheets | WVRWA | 1 | I-IV |
| CEH2001-063 | Rule Changes for both Water & Wastewater | WVRWA | 1 | I-IV |
| CEH2001-064 | State and Federal Legislative Issues | WVRWA | 1.5 | I-IV |
| CEH2001-065 | Wellness and Safety at Home and in the Workplace | AWWA | 1.5 | I-IV |
| CEH2001-066 | Operation Certification - CEH | AWWA | 0.75 | I-IV |
| CEH2001-067 | Proposed Federal and State Drinking Water Standards | AWWA | 0.75 | I-IV |
| CEH2001-068 | Microbial Regrowth in Distribution Systems | AWWA | 0.75 | I-IV |
| CEH2001-069 | Lead Paint Removal from Water Storage Tanks | AWWA | 0.5 | I-IV |
| CEH2001-070 | Cleaning and Inspection of Water Treatment and Storage Facilities | AWWA | 0.75 | I-IV |
| CEH2001-071 | Tank Safety and Security Issues | AWWA | 0.75 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| CEH2001-072 | Automated Control Valves | AWWA | 1 | I-IV |
| CEH2001-073 | Pressure Regulators, Backflow Preventers and Thermal Expansion | AWWA | 0.75 | I-IV |
| CEH2001-074 | Line Location/Leak Detection | AWWA | 1 | I-IV |
| CEH2001-075 | Water Main Rehabilitation | AWWA | 0.75 | I-IV |
| CEH2001-076 | Lockout Tagout Program Training | WVAWCO | 2 | I-IV |
| CEH2001-077 | Confined Space Training | WVAWCO | 2 | I-IV |
| CEH2001-078 | Personal Protective Equipment | WVAWCO | 1 | I-IV |
| CEH2001-079 | Hearing Conservation | WVAWCO | 1 | I-IV |
| CEH2001-081 | Drinking Water Lab Procedures | WVAWCO | 26.5 | I-IV |
| CEH2001-082 | Management Functions for System Operators | WVRWA | 6 | I-IV |
| CEH2001-083 | Bachelor of Electronic Engineering Technology | Cleveland I | | I-IV |
| CEH2001-084 | Public Relations | WVRWA | 3 | I-IV |
| CEH2001-085 | Meter Accuracy & Testing | WVRWA | 4 | I-IV |
| CEH2001-086 | Field Employees Seminar | WVAWCO | 4.5 | I-IV |
| CEH2001-087 | Mng. Sm. Drinking Water Sys. Mod 1-4 | NETCSC | 6.5 | I-IV |
| CEH2001-088 | Mng. Sm. Drinking Water Sys. Mod 5, 7, 8 | NETCSC | 6.5 | II-IV |
| CEH2001-089 | Mng. Sm. Drinking Water Sys. Mod 9, 10 | NETCSC | 6.5 | II-IV |
| CEH2001-090 | GASB 34 | NETCSC | 2.75 | II-IV |
| CEH2001-091 | Corrosion Control | WVRWA | 3 | I-IV |

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|---------------|--|----------------|-------------|----------------|
| CEH2001-092 | Thermal Expansion | WVRWA | 3 | I-IV |
| CEH2001-093 | Treatment Plant Optimization | WVAWCO | 7 | I-IV |
| CEH2001-094 | Basic Hydraulics | WVRWA | 3 | I-IV |
| CEH2001-095 | First Aid/CPR for Operators | WVAWCO | 12 | I-IV |
| CEH2001-098 | Backflow Prevention | WVAWCO | 36 | I-IV |
| CEH2001-099 | Emergency Plans/Portable Fire Suppression Eq. | WVAWCO | 2 | I-IV |
| CEH2001-100 | Hazard Communication | WVAWCO | 2 | I-IV |
| CEH2001-101 | TOC Analysis & Importance to Drinking Water | WVRWA | 1.5 | I-IV |
| CEH2001-102 | Water and Wastewater Project Funding | WVRWA | 1.25 | I-IV |
| CEH2001-104 | Recovering Cost of Providing Water | WVRWA | 2 | I-IV |
| CEH2001-105 | Air Mask Certification | Weirton Ste | 2 | I-IV |
| CEH2001-106 | Replacing and Maintaining Distribution Systems | WVRWA | 12 | I-IV |
| CEH2001-107 | Basic Water Mathematics | Micar, Inc. | 6 | I-IV |
| CEH2001-108 | Laboratory Procedures for Iron & Manganese | WVRWA | 6 | I-IV |
| CEH2001-109 | Drinking Water Microbiology | WVRWA | 6 | I-IV |
| CEH2001-110 | Disinfection By-products | WVRWA | 6 | I-IV |
| CEH2001-111 | Safety Awareness 2001 | Weirton Ste | 8 | I-IV |
| CEH2001-113 | Water Well Construction | WVRWA | 1.5 | I-IV |
| CEH2001-114 | Proper Disinfection Techniques | WVRWA | 1.5 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| CEH2001-115 | Regulations - Long Term 1 ESWTR/DBP's | WVRWA | 1.5 | I-IV |
| CEH2001-117 | Financial Capacity Guidance for Small Systems | WVRWA | 1.5 | I-IV |
| CEH2001-119 | Developing and Setting Goals | WVRWA | 1.5 | I-IV |
| CEH2001-121 | Roles and Responsibilities for Providing Safe Drinking Water | WVRWA | 1.5 | I-IV |
| CEH2001-122 | Determining your Supervisory Skills | WVRWA | 1.5 | I-IV |
| CEH2001-123 | First Aid/CPR | WVAWCO | 7.5 | I-IV |
| CEH2001-124 | Distribution System Repair, Rehabilitation & Replacement | WVAWCO | 3.5 | I-IV |
| CEH2001-125 | Security Risk Assessment for Water Utilities | WVAWCO | 3 | I-IV |
| CEH2001-126 | Accident Investigation | 360water, In | 1 | I-IV |
| CEH2001-127 | Confined Space Entry | 360water, In | 1 | I-IV |
| CEH2001-128 | Hydraulics 1 | 360water, In | 1 | I-IV |
| CEH2001-129 | US Water and Wastewater Industry | 360water, In | 1 | I-IV |
| CEH2001-130 | US Water & Wastewater Industry-Federal State and Local Control | 360water, In | 1 | I-IV |
| CEH2001-131 | Leadership and How to Affect Change in Public Organizations | 360water, In | 1 | I-IV |
| CEH2001-132 | How to Perform Total Coliform Analytical Test for Drinking Water | 360water, In | 1 | I-IV |
| CEH2001-133 | Drinking Water Disinfection | 360water, In | 1 | I-IV |
| CEH2001-134 | Fundamentals of Coagulation and Flocculation | 360water, In | 1 | I-IV |
| CEH2001-135 | Drinking Water Precipitation Softening | 360water, In | 1 | I-IV |
| CEH2002-001 | Utility Management | CSUS | 45 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| CEH2002-002 | Advanced High Purity Water Treatment Section | David H Pa | 135 | I-IV |
| CEH2002-003 | High Pure Water Treatment Section | David H Pa | 135 | I-IV |
| CEH2002-004 | Advanced Reverse Osmosis Water Treatment Section | David H Pa | 135 | I-IV |
| CEH2002-005 | Reverse Osmosis Water Treatment Section | David H Pa | 135 | I-IV |
| CEH2002-006 | Water System Security | WVAWCO | 11 | I-IV |
| CEH2002-007 | EW-90C/Quarterly Operational Report DBPP Control | WVRWA | 6 | I-IV |
| CEH2002-008 | CCRs - Making Them Work for Your System | WVRWA | 3 | I-IV |
| CEH2002-009 | Making Microsoft Excel Work For You | WVRWA | 3 | I-IV |
| CEH2002-010 | SCADA System Basics | WVRWA | 6 | I-IV |
| CEH2002-011 | Drinking Water Precipitation Softening | 360water | 1 | I-IV |
| CEH2002-012 | Drinking Water Ion Exchange Softening | 360water | 1 | I-IV |
| CEH2002-013 | Fundamentals of Coagulation and Flocculation | 360water | 1 | I-IV |
| CEH2002-014 | Introductory to the Development of a Quality Assurance/Quality Control Plans | 360water | 1 | I-IV |
| CEH2002-015 | Pre-commissioning Course/Zeeweed Operator Training Program | Zenon | 14 | I-IV |
| CEH2002-016 | Public Relations for Water Utilities | WVAWCO | 1 | I-IV |
| CEH2002-017 | Water Filtration | WVAWCO | 1 | I-IV |
| CEH2002-018 | Coordinated Response in Emergencies | WVAWCO | 1 | I-IV |
| CEH2002-019 | BPD Testers/Backflow Prevention Device Tester Training at the WVETC | WVAWCO | 1 | I-IV |
| CEH2002-020 | The Basics of Waterborne Pathogens | AWWA | 3.5 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|---|----------------|-------------|----------------|
| CEH2002-022 | Well Installation & Maintenance Procedures | WVRWA | 2 | I-IV |
| CEH2002-023 | Filtration & Particle Counting | WVRWA | 2 | I-IV |
| CEH2002-024 | Office Roundtable Issues | WVRWA | 2 | I-IV |
| CEH2002-025 | Standard Operating Procedures for Operators | WVRWA | 2 | I-IV |
| CEH2002-026 | Reducing Your System's Energy Costs | WVRWA | 2 | I-IV |
| CEH2002-027 | Chlorine Safety with a "Twist" | WVRWA | 2 | I-IV |
| CEH2002-029 | Ultrasonic Flow Metering Applications | WVRWA | 2 | I-IV |
| CEH2002-030 | Water System Operations of Office Staff & OIT's | WVRWA | 2 | I |
| CEH2002-032 | Employment Law Update and Case Study | WVRWA | 2 | I-IV |
| CEH2002-033 | Turbidity: Meeting the New Standards | WVRWA | 2 | I-IV |
| CEH2002-035 | Distribution System Operation & Maintenance | WVRWA | 3 | I-IV |
| CEH2002-037 | State & National Legislative Issues | WVRWA | 3 | I-IV |
| CEH2002-039 | Applied Mathematics | AWWA | 3 | I-IV |
| CEH2002-040 | Basic Mathematics | AWWA | 7 | I-IV |
| CEH2002-041 | Coagulation, Flocculation, and Sedimentation Basics | AWWA | 3 | I-IV |
| CEH2002-042 | Disinfection Basics | AWWA | 3 | I-IV |
| CEH2002-043 | Filtration Basics | AWWA | 3 | I-IV |
| CEH2002-044 | Hydraulics | AWWA | 8 | I-IV |
| CEH2002-045 | Distribution Service to Customers | AWWA | 3 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| CEH2002-046 | Distribution System Materials and Equipment | AWWA | 3 | I-IV |
| CEH2002-047 | Water Main Installation | AWWA | 3 | I-IV |
| CEH2002-048 | Asbestos (General Industry) | AWWA | 1 | I-IV |
| CEH2002-049 | Electrical Safety (Construction) | AWWA | 1 | I-IV |
| CEH2002-051 | Excavations (Construction) | AWWA | 1 | I-IV |
| CEH2002-053 | Hearing Conservation | AWWA | 1 | I-IV |
| CEH2002-054 | Instant OSHA Electrical Safety | AWWA | 0.5 | I-IV |
| CEH2002-055 | Instant OSHA Ergonomics | AWWA | 0.5 | I-IV |
| CEH2002-056 | Instant OSHA Fire Safety | AWWA | 0.5 | I-IV |
| CEH2002-057 | Instant OSHA Hazard Communication | AWWA | 0.5 | I-IV |
| CEH2002-058 | Instant OSHA Hearing Conservation | AWWA | 0.5 | I-IV |
| CEH2002-059 | Instant OSHA Heat and Cold Stress | AWWA | 0.5 | I-IV |
| CEH2002-060 | Instant OSHA Personal Protective Equipment | AWWA | 0.5 | I-IV |
| CEH2002-061 | Instant OSHA Slips, Trips and Falls | AWWA | 0.5 | I-IV |
| CEH2002-062 | Introduction to OSHA | AWWA | 1 | I-IV |
| CEH2002-063 | Lockout/Tagout - Updated! | AWWA | 1 | I-IV |
| CEH2002-064 | Materials Handling (Construction) | AWWA | 1 | I-IV |
| CEH2002-065 | Permit - Required Confined Spaces | AWWA | 1 | I-IV |
| CEH2002-066 | Personal Protective Equipment (Construction) | AWWA | 1 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|---|----------------|-------------|----------------|
| CEH2002-067 | Respiratory Protection | AWWA | 1 | I-IV |
| CEH2002-068 | Scaffolds (Construction) | AWWA | 1 | I-IV |
| CEH2002-069 | AIDS in The Workplace | AWWA | 1 | I-IV |
| CEH2002-070 | Disability in The Workplace | AWWA | 0.5 | I-IV |
| CEH2002-071 | Drug-free Workplace | AWWA | 0.5 | I-IV |
| CEH2002-072 | Instant OSHA Bloodborne Pathogens | AWWA | 0.5 | I-IV |
| CEH2002-073 | Sexual Harassment for Employees | AWWA | 0.5 | I-IV |
| CEH2002-074 | Sexual Harassment for Managers | AWWA | 0.5 | I-IV |
| CEH2002-075 | Violence in The Workplace | AWWA | 0.5 | I-IV |
| CEH2002-076 | Pollution Prevention | AWWA | 3 | I-IV |
| CEH2002-077 | Spill Prevention Control and Countermeasure (SPCC) | AWWA | 3 | I-IV |
| CEH2002-078 | Storm Water Pollution Prevention | AWWA | 6 | I-IV |
| CEH2002-079 | Basic Math for Operators | WVRWA | 6 | I-IV |
| CEH2002-080 | Pumping Stations and Microbial Control in the Distribution System | WVRWA | 6 | I-IV |
| CEH2002-081 | Filtration | WVRWA | 6 | I-IV |
| CEH2002-082 | Disinfection | WVAWCO | 6 | I-IV |
| CEH2002-084 | Operator Test Validation - Subject Matter Expert Review Meeting | WVAWCO | 16 | I-IV |
| CEH2002-088 | Bloodborne Pathogens | WVAWCO | 1 | I-IV |
| CEH2002-089 | Pneumatics - The Power of Compressed Air & Using Compressed Air | WVAWCO | 2 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|---|----------------|-------------|----------------|
| CEH2002-090 | Indoor Cranes | WVAWCO | 2 | I-IV |
| CEH2002-091 | Walking and Working Surfaces | WVAWCO | 2 | I-IV |
| CEH2002-092 | Waste Materials and Chemical Safety | WVAWCO | 4 | I-IV |
| CEH2002-093 | Safe Handling of Chlorine | JCI | 2 | I-IV |
| CEH2002-095 | Disinfection Alternatives | BissNuss, In | 2 | I-IV |
| CEH2002-096 | Water System Security | WVRWA | 3 | I-IV |
| CEH2002-098 | Making Microsoft Access Work for You | WVRWA | 3 | I-IV |
| CEH2002-099 | Taste & Odor Control | WVRWA | 3 | I-IV |
| CEH2002-100 | Filter O & M and Backwashing Procedures | WVRWA | 3 | I-IV |
| CEH2002-101 | Drinking Water Security for Small Communities; A Vulnerability Workshop | ETC | 6 | I-IV |
| CEH2002-102 | Confined Space Training for Water and Wastewater Professionals | WVRWA | 6 | I-IV |
| CEH2002-103 | Adjustable Speed Drive | Service Pum | 6 | I-IV |
| CEH2002-112 | Emerging Treatment Technologies | AWWA | 3.5 | I-IV |
| CEH2002-113 | Safe Drinking Water Act | H20ed | 6 | I-IV |
| CEH2002-114 | Disinfection Course | H20ed | 8 | I-IV |
| CEH2002-115 | Introduction to Excel | WVRWA | 6 | I-IV |
| CEH2002-116 | Intermediate Excel | WVRWA | 6 | I-IV |
| CEH2002-117 | WV Water Regulations/EPA Regulatory Update | WVRWA | 6 | I-IV |
| CEH2002-118 | Confined Space Rescue | WVRWA | 3 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| CEH2003-001 | LT1ESWTR | WVRWA | 2 | I-IV |
| CEH2003-002 | Confined Space Safety | AWWA | 7 | I-IV |
| CEH2003-003 | Excavation Safety for Job Sites | AWWA | 7 | I-IV |
| CEH2003-004 | Gravity Filter Maintenance | AWWA | 7 | I-IV |
| CEH2003-005 | Managing Customer Service in the New Millennium | AWWA | 7 | I-IV |
| CEH2003-006 | Preparing Consumer Confidence Reports | AWWA | 7 | I-IV |
| CEH2003-007 | Traffic Control and Work Zone Safety | AWWA | 7 | I-IV |
| CEH2003-008 | Treatment Plant Optimization: Bridging the Gap Between Knowing and Doing | AWWA | 7 | I-IV |
| CEH2003-009 | Construction Safety for Water Utility Job Sites | AWWA | 10 | I-IV |
| CEH2003-010 | Public Notification: Preparing in Advance | AWWA | 10 | I-IV |
| CEH2003-011 | Technical Instructor | AWWA | 10 | I-IV |
| CEH2003-012 | Effective Communication: The Art of Communication and Managing Conflicts in The Wo | AWWA | 14 | I-IV |
| CEH2003-013 | Ozone Essentials: Equipment and Process Control/Optimization | AWWA | 14 | I-IV |
| CEH2003-014 | Replacing and Maintaining Water Distribution Systems: Strategies for Managers | AWWA | 14 | I-IV |
| CEH2003-015 | Risk Management Program: Compliance for the Responsible Manager | AWWA | 14 | I-IV |
| CEH2003-016 | Source Water Protectionf: Effective Tools and Techniques You Can Use | AWWA | 14 | I-IV |
| CEH2003-017 | Financial Management: Cost of Service Rate-Making | AWWA | 19 | I-IV |
| CEH2003-018 | Cross Connections and Backflow Prevention | OEHS | 7 | I-IV |
| CEH2003-019 | Emergency Response Planning | Skill Path | 6 | I-IV |

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|---------------|---|----------------|-------------|----------------|
| CEH2003-020 | Water Storage | AWWA | 3.5 | I-IV |
| CEH2003-022 | First Aid and CPR | WVRWA | 8 | I-IV |
| CEH2003-023 | Fire Safety - cdrom | WVAWCO | 2 | I-IV |
| CEH2003-024 | Laboratory Safety | WVAWCO | 2 | I-IV |
| CEH2003-025 | Cross Connections Update - WVBPH Manual EW114, and 2003 Regulations | AWWA (E | 1 | I-IV |
| CEH2003-026 | Drinking Water Security - Tools for Vulnerability Assessments | AWWA (E | 1.5 | I-IV |
| CEH2003-027 | Benefits of Constant Pressure Booster Stations | AWWA (E | 1.5 | I-IV |
| CEH2003-028 | Maintaining WQ in the Distribution System | WVRWA | 6 | I-IV |
| CEH2003-029 | Water Quality: The Foundation of Successful Water Supplies | WVRWA | 6 | I-IV |
| CEH2003-030 | Turbidity & Protecting Public Health | WVRWA | 6 | I-IV |
| CEH2003-031 | Cross Connection & Backflow Prevention | WVRWA | 6 | I-IV |
| CEH2003-032 | Chlorine & Alternative Disinfection, Selection & Safe Handling | WVRWA | 6 | I-IV |
| CEH2003-033 | Lab Equipment Calibration, Operation, and Maintenance | WVRWA | 3 | I-IV |
| CEH2003-034 | Respiratory Protection for Operators | WVRWA | 3 | I-IV |
| CEH2003-035 | Water Tank Evaluation, Maintenance, & Security | WVRWA | 3 | I-IV |
| CEH2003-036 | Advanced Water System Security | WVRWA | 3 | I-IV |
| CEH2003-038 | Understanding Basic Hydraulics | WVRWA | 2 | I-II |
| CEH2003-040 | Work Place Issues | WVRWA | 2 | I-IV |
| CEH2003-042 | Coagulation & DBP Removal | WVRWA | 2 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| CEH2003-043 | Leak Management To Cut Costs | WVRWA | 2 | I-IV |
| CEH2003-044 | Diagnosing Pump Problems | WVRWA | 2 | I-IV |
| CEH2003-045 | The Art of Boardmanship | WVRWA | 2 | I-IV |
| CEH2003-048 | Maintenance Options for Water Storage Tanks | WVRWA | 2 | I-IV |
| CEH2003-049 | Iron and Manganese Removal | WVRWA | 2 | I-IV |
| CEH2003-051 | What's New With The Rural Utilities Service? | WVRWA | 2 | I-IV |
| CEH2003-053 | Finished Water Turbidity & Backwash Monitoring | WVRWA | 3 | I-IV |
| CEH2003-054 | UV - Common Sense Disinfection Technology | WVRWA | 3 | I-IV |
| CEH2003-056 | CCTV Systems for Utility Protection | WVRWA | 1.5 | I-IV |
| CEH2003-057 | Keeping Your Computer System Healthy | WVRWA | 1.5 | I-IV |
| CEH2003-058 | CCR's With Security in Mind "What to Say and Not Say?" | WVRWA | 1.5 | I-IV |
| CEH2003-059 | Open Government Proceeding Act Compliance | WVRWA | 1.5 | I-IV |
| CEH2003-060 | Sample and Handling Procedures | WVRWA | 1.5 | I-IV |
| CEH2003-061 | Prolonging the Life of Aquifers | WVRWA | 1.5 | I-IV |
| CEH2003-063 | Crisis Managment & The Media | WVRWA | 1.5 | I-IV |
| CEH2003-070 | The Art of Boardmanship - Void, Duplicate Submittal | WVRWA | | |
| CEH2003-073 | Introduction to Chlorine | CEU Plan | 1 | I-IV |
| CEH2003-074 | Components of Chlorine Supply | CEU Plan | 1 | I-IV |
| CEH2003-075 | Chlorinators | CEU Plan | 1 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| CEH2003-076 | Chlorination Procedures | CEU Plan | 1 | I-IV |
| CEH2003-077 | Chlorine Dioxide | CEU Plan | 1 | I-IV |
| CEH2003-078 | Water Plant Design | CEU Plan | 1 | I-IV |
| CEH2003-079 | Plant Construction | CEU Plan | 1 | I-IV |
| CEH2003-080 | Mixing - Coagulation - Flocculation | CEU Plan | 1 | I-IV |
| CEH2003-081 | Sedimentation/Clarification | CEU Plan | 1 | I-IV |
| CEH2003-082 | Oxidation and Disinfection | CEU Plan | 1 | I-IV |
| CEH2003-083 | On-site Sodium Hypochlorite Generation Conversion | CEU Plan | 4 | I-IV |
| CEH2003-084 | Oxidation in Water and Wastewater Treatment | CEU Plan | 1 | I-IV |
| CEH2003-085 | Bio-augmentation of the Treatment Process | CEU Plan | 1 | I-IV |
| CEH2003-086 | Geology for Treatment Plant Operators | CEU Plan | 1 | I-IV |
| CEH2003-087 | Water Treatment Techniques: Chemical Treatment | CEU Plan | 2 | I-IV |
| CEH2003-088 | Water Treatment Techniques: Filtration | CEU Plan | 2 | I-IV |
| CEH2003-089 | Water Treatment Techniques: Clarification | CEU Plan | 2 | I-IV |
| CEH2003-090 | Water Treatment Techniques: Distillation & Ion Exchange | CEU Plan | 2 | I-IV |
| CEH2003-091 | Water Treatment Techniques: Membrane Separation | CEU Plan | 2 | I-IV |
| CEH2003-092 | Enhanced Coagulation within the Water Treatment Process | CEU Plan | 1 | I-IV |
| CEH2003-093 | Have you seen the Light? Introduction to UV Technologies | CEU Plan | 1 | I-IV |
| CEH2003-094 | Hazardous Materials Effects to Human Health | CEU Plan | 4 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| CEH2003-095 | Emerging Waterborne Pathogens | CEU Plan | 3 | I-IV |
| CEH2003-096 | What is Cryptosporidium | CEU Plan | 1 | I-IV |
| CEH2003-097 | Health Concerns of Recent Interest to the Public | CEU Plan | 1 | I-IV |
| CEH2003-098 | Introduction to the CDC Organization | CEU Plan | 1 | I-IV |
| CEH2003-099 | Laboratory Safety (Laboratory Safety Guidelines-Electrical/Fire/Radiation) | CEU Plan | 1 | I-IV |
| CEH2003-100 | Laboratory Safety (Laboratory Safety Guidelines-Chemical & Biosafety) | CEU Plan | 1 | I-IV |
| CEH2003-101 | Laboratory Safety (Laboratory Safety Guidelines-Labware/Waste Disposal) | CEU Plan | 1 | I-IV |
| CEH2003-102 | Laboratory Safety (Overview, Rules, and Regulations) | CEU Plan | 1 | I-IV |
| CEH2003-103 | Laboratory Safety (The Nucleus of a Lab Safety Program) | CEU Plan | 1 | I-IV |
| CEH2003-104 | Basic Chemistry for Water Treatment-Atoms and Molecules | CEU Plan | 1 | I-IV |
| CEH2003-105 | Basic Chemistry for Water Treatment-Chemical Bonding | CEU Plan | 1 | I-IV |
| CEH2003-106 | Basic Chemistry for Water Treatment-Nomenclature | CEU Plan | 1 | I-IV |
| CEH2003-107 | Basic Chemistry for Water Treatment-Nuclear Decay | CEU Plan | 1 | I-IV |
| CEH2003-108 | Basic Chemistry for Water Treatment-Reverse Osmosis | CEU Plan | 1 | I-IV |
| CEH2003-109 | Basic Chemistry for Water Treatment-States of Matter | CEU Plan | 1 | I-IV |
| CEH2003-110 | Basic Chemistry for Water Treatment-Water Purification Techniques | CEU Plan | 2 | I-IV |
| CEH2003-111 | Basic Chemistry for Water Treatment-Solubility | CEU Plan | 2 | I-IV |
| CEH2003-112 | Fecal Coliform | CEU Plan | 1 | I-IV |
| CEH2003-113 | Procedures for UV Pilot Testing | CEU Plan | 1 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|---|----------------|-------------|----------------|
| CEH2003-114 | Corrective Preventive Maintenance: Building a PM Program | CEU Plan | 2 | I-IV |
| CEH2003-115 | Corrective Preventive Maintenance: Creating SOP's | CEU Plan | 2 | I-IV |
| CEH2003-116 | Corrective Preventive Maintenance: Functions, Failures - Modes & Effects | CEU Plan | 2 | I-IV |
| CEH2003-117 | Corrective Preventive Maintenance: Tracking Failures | CEU Plan | 2 | I-IV |
| CEH2003-118 | Introduction to Basic Electrical Measurement | CEU Plan | 2 | I-IV |
| CEH2003-119 | Introduction to Online Analytical W/WW Instrumentation | CEU Plan | 2 | I-IV |
| CEH2003-120 | Oxidation Reduction Potential Instrumentation and Measurement | CEU Plan | 1 | I-IV |
| CEH2003-121 | pH Instrumentation and Measurement | CEU Plan | 1 | I-IV |
| CEH2003-122 | Dissolved Oxyeen Instrumentation and Measurement | CEU Plan | 1 | I-IV |
| CEH2003-123 | Chlorine Residual Instrumentation and Measurement | CEU Plan | 1 | I-IV |
| CEH2003-124 | Ammonia Instrumentation and Measurement | CEU Plan | 1 | I-IV |
| CEH2003-125 | Turbidity and Suspended Solids Instrumentation and Measurement | CEU Plan | 1 | I-IV |
| CEH2003-126 | Introduction to Online Physical Measruement of the W/WW Treatment Process | CEU Plan | 2 | I-IV |
| CEH2003-127 | Temperature Instrumentation and Measurement | CEU Plan | 1 | I-IV |
| CEH2003-128 | Level Instrumentation and Measurement | CEU Plan | 1 | I-IV |
| CEH2003-129 | Pressure Instrumentation and Measurement | CEU Plan | 1 | I-IV |
| CEH2003-130 | Liquid Flow Instrumentation and Measurement | CEU Plan | 2 | I-IV |
| CEH2003-131 | Position Instrumentation and Measurement | CEU Plan | 1 | I-IV |
| CEH2003-132 | Weight Instrumentation and Measurement | CEU Plan | 1 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| CEH2003-133 | Pipe, Valves and Fittings | CEU Plan | 1 | I-IV |
| CEH2003-134 | Materials for Treatment Plant Repairs | CEU Plan | 1 | I-IV |
| CEH2003-135 | Basic Computers | CEU Plan | 2 | I-IV |
| CEH2003-136 | Blueprints | CEU Plan | 1 | I-IV |
| CEH2003-137 | OSHA - Chemical Protective Clothing and Respiratory Protection | CEU Plan | 3 | I-IV |
| CEH2003-138 | OSHA - Introduction to Chemical Protective Clothing & Respiratory Protection Procedure | CEU Plan | 1 | I-IV |
| CEH2003-139 | OSHA - Chemical Protective Clothing | CEU Plan | 1 | I-IV |
| CEH2003-140 | OSHA - Respiratory Protection | CEU Plan | 2 | I-IV |
| CEH2003-141 | Terrorism Vulnerability Assessments in Community Water Systems | CEU Plan | 1 | I-IV |
| CEH2003-142 | Disinfection By-Products Summary of Rule | CEU Plan | 2 | I-IV |
| CEH2003-143 | Understanding Pumping Stations for "C" Operators | CEU Plan | 1 | I-IV |
| CEH2003-144 | Trenchless Technologies Introduction | CEU Plan | 1 | I-IV |
| CEH2003-145 | Trenchless Technologies Pipeline and Structure Rehabilitation | CEU Plan | 1 | I-IV |
| CEH2003-146 | Chlorine Safety and emergency preparedness | AWWA | 5 | I-IV |
| CEH2003-147 | Class 3 - Dacum (Developing A Curriculum) | OEHS | 16 | III |
| CEH2003-149 | Main Extension Seminar | PSC | 7 | I-IV |
| CEH2003-150 | Vulnerability Assessments for Water Utilities | CSM/MCE | 6 | I-IV |
| CEH2003-151 | Emergency Response Plans & Security Enhancements for Water Utilities | CSM/MCE | 6 | I-IV |
| CEH2003-152 | Security Vulnerability Assessments | WVRWA | 1.5 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| CEH2003-153 | Stage 1 Disinfectants & Disinfection Byproducts Rule | EPA | 5 | I-IV |
| CEH2003-154 | The Essentials of OSHA Compliance 2003 | Nat. Semina | 12 | I-IV |
| CEH2003-156 | Safety Focus for the Workforce/Ergonomics | CEWE | 1 | I-IV |
| CEH2003-157 | Safety Focus for the Workforce/Back Safety | CEWE | 1 | I-IV |
| CEH2003-158 | Safety Focus for the Workforce/Electrical Safety | CEWE | 1 | I-IV |
| CEH2003-159 | Safety Focus for the Workforce/Lockout and Tagout | CEWE | 1 | I-IV |
| CEH2003-160 | Safety Focus for the Workforce/Forklift Training | CEWE | 1 | I-IV |
| CEH2003-161 | Safety Focus for the Workforce/Fall Protection | CEWE | 1 | I-IV |
| CEH2003-162 | Safety Focus for the Workforce/Indoor Cranes | CEWE | 1 | I-IV |
| CEH2003-163 | Safety Focus for the Workforce/Walking & Working Surfaces | CEWE | 1 | I-IV |
| CEH2003-164 | Safety Focus for the Workforce/Confined Space Entry | CEWE | 1 | I-IV |
| CEH2003-165 | Safety Focus for the Workforce/Personal Protective Equipment | CEWE | 1 | I-IV |
| CEH2003-166 | Counter Terrorism and Water System Security | WVRWA | 6 | I-IV |
| CEH2003-166R | Counter Terrorism and Water System Security (EXPO 2004) | WVRWA | 3 | I-IV |
| CEH2003-168 | Utility Case Studies | AWWA | 3.5 | I-IV |
| CEH2003-169 | Response for Water and Wastewater Small Systems | WVRWA | 16 | I-IV |
| CEH2003-170 | Source Water Assessment and Protection | WVAWCO | 4 | I-IV |
| CEH2003-171 | Water System Management Concepts and Practices | WVRWA | 6 | I-IV |
| CEH2003-172 | Advanced Filter O&M Techniques and Procedures for Filter Performance | WVRWA | 6 | I-IV |

| CEH No | Course Title | Sponsor | CEHs | Classes |
|---------------|--|----------------|-------------|----------------|
| CEH2003-173 | Total System Optimization | WVRWA | 6 | I-IV |
| CEH2003-174 | Water Lab and Treatment Plant Safety | WVRWA | 3 | I-IV |
| CEH2003-175 | Emergency Response Plan Implementation | WVRWA | 3 | I-IV |