



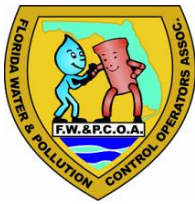
**FW&PCOA Online Institute Courses**  
<http://go.flextraining.com/FLC8518>

<b>Course</b>	<b>Tuition Fee</b>
A Synergistic Approach to Net Zero Resource Recovery Facilities - Success Story and Innovations at Hermitage Municipal Authority (WW02015340 0.1 CEU)	\$ 15.00
Adaptation in the Face of Adversity: The Persistent Trend of Membranes in Water Reuse (DS/DW/WW02015384 0.1 CEU)	\$ 15.00
Alternative Technologies for Indirect Reuse in S. Florida (DS/DW/WW02015264 0.1 CEU)	\$ 15.00
An Innovative Approach to Prioritizing Water Main Replacement (DS/DW02015254 0.1 CEU)	\$ 15.00
Anaerobic Codigestion of Food Waste to Increase Methane Yields (WW02015387 0.1 CEU)	\$ 15.00
Annual I&I Mitigation Planning Keeps the City of Altamonte Springs Poised to Handle Storm Events (WW02015373 0.1 CEU)	\$ 15.00
Aquifer Recharge Using Purified Reclaimed Water (DS/DW/WW02015233 0.1 CEU)	\$ 15.00
ASR-Exploring a Real Solution for RCW Supply Needs (WW02015272 0.1 CEU)	\$ 15.00
Balancing Treatment Rehabilitation Project Delivery and Cost (DS/DW02015235 0.1 CEU)	\$ 15.00
Basic Electrical Safety (DS/DW/WW 02014047 0.1 CEU)	\$ 15.00
Basic Toxicology (DW/WW/DS 02014048 0.1 CEU)	\$ 15.00
Big Bubble Mixing Enhances BNR Performance in a Unique Modified 4-Stage Facility (WW02015330 0.1 CEU)	\$ 15.00
Biofermentation: A Novel Biosolids Residuals Point Source Reduction Technology (WW02015287 0.1 CEU)	\$ 15.00
Blending Nanofilt Concentrate with Reclaimed Water (WW02015245 0.1 CEU)	\$ 15.00
BOD5 Removals Via Biolog. Contact And Ballasted Clarif. For Wet Weather (WW02015251 0.1 CEU)	\$ 15.00
Breaking Through Cost Barriers Associated with Developing an Alternative Water Supply Integrating with an Existing Treatment System (DS/DW02015382 0.1 CEU)	\$ 15.00
Brevard County S. Central Region WWTF Expansion (WW02015379 0.1 CEU)	\$ 15.00
Can High-Strength Reverse Osmosis Concentrate be Accepted into a Wastewater Treatment Plant? (WW02015337 0.1 CEU)	\$ 15.00
Carbon Dioxide Treatment Revives Wellfield Performance in Collier County (DS/DW02015370 0.1 CEU)	\$ 15.00
Carbon Diversion & Its Role in Energy (WW02015362 0.1 CEU)	\$ 15.00
Chlorine Safety - Awareness (DS/DW/WW 02014017 0.1 CEU)	\$ 15.00
City of Sunrise Achieves Alternate Raw Water Supply with Existing Source Infrastructure (DS/DW02015274 0.1 CEU)	\$ 15.00
Comparing Coagulants to Remove Organic Carbon Color & Turbidity (DS/DW02015239 0.1 CEU)	\$ 15.00
Comprehensive Evaluation of Dewatering Alternatives (DW/WW02015268 0.1 CEU)	\$ 15.00
Confined Space - Awareness Level (DS/DW/WW 02014018 0.1 CEU)	\$ 15.00
Controlling Nitrification Within Ground Storage Tanks (DS/DW02015240 0.1 CEU)	\$ 15.00
Corrosive Materials Awareness (DW/WW/DS 02014053 0.1 CEU)	\$ 15.00
Cost Effective Cleaning for Improved Water Quality (DS/DW02015260 0.1 CEU)	\$ 15.00
Dealing with Widespread PFAS Contamination (DS/DW02015369 0.1 CEU)	\$ 15.00
Designing a Grit Removal System That Works (WW02015261 0.1 CEU)	\$ 15.00
Developing Effective Funding Strategies for Compliance With the Lead & Copper Rule Revisions (DS/DW02015391 0.1 CEU)	\$ 15.00
Developing Potable Reuse: The Most Direct Approach (DS/DW/WW02015283 0.1 CEU)	\$ 15.00
Dialing Down DBPs with Chlorine Dioxide Pre-Oxidation (DS/DW02015326 0.1 CEU)	\$ 15.00
Dis. By-Prod. Formation Red. & H2S Treat. Using Ozone (DS/DW02015258 0.1 CEU)	\$ 15.00
Dist Sys Water Quality Models Support Treatment Process Decisions (DS/DW02015253 0.1 CEU)	\$ 15.00



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Do You Happen to Have a Place to Store 500 MG of Reclaimed Water? (WW02015273 0.1 CEU)	\$ 15.00
DPR as a Tool for Revitalizing Brackish Groundwater Desalination Facilities: Water Quality & Operation (DS/DW/WW02015381 0.1 CEU)	\$ 15.00
Drinking Water Treatment Plant Operator Class B Online (DW02014201 8.0 CEU) - <b>Qualified for Florida</b>	\$ 300.00
<b>Licensing Exam!</b>	
Energy Recovery Case Studies for Brackish Water Membrane (DS/DW02015265 0.1 CEU)	\$ 15.00
Energy Recovery in Desalination (DS/DW02015269 0.1 CEU)	\$ 15.00
Enhanced Biological Phosphorus Removal during Simultaneous Nitrification & Denitrification in an Oxidation Ditch (WW02015336 0.1 CEU)	\$ 15.00
Evaluating Innovative Blower Technologies Including Low Speed Turbo Units (WW02015358 0.1 CEU)	\$ 15.00
Fall Protection (DS/DW/WW 02014062 0.1 CEU)	\$ 15.00
Flammable Materials Awareness (DW/WW/DS 02014064 0.1 CEU)	\$ 15.00
From Coast to Coast What Floridas Largest Utilities are Doing About I & I (WW02015356 0.1 CEU)	\$ 15.00
Green Option for Managing Phos in Sidestreams (WW02015229 0.1 CEU)	\$ 15.00
Groundwater Plant Addresses Color & DBPs for Flagler County (DS/DW02015327 0.1 CEU)	\$ 15.00
Groundwater Replenishment Performance & Operations (DS/DW02015263 0.1 CEU)	\$ 15.00
Harvesting Stormwater for Reuse Augmentation (DW/DS/WW02015231 0.1 CEU)	\$ 15.00
High Level UV Disinfection to Meet Effluent DBP Limits (WW02015243 0.1 CEU)	\$ 15.00
Hillsborough County Innovative Pipe Inspection Program Adds Efficiency & Accuracy (WW02015389 0.1 CEU)	\$ 15.00
How Nutrient Mgmt Impacts Biosolids Application (WW02015249 0.1 CEU)	\$ 15.00
How the Sawgrass Water Treatment Plant Gained 5 Benefits With One Project (DS/DW02015355 0.1 CEU)	\$ 15.00
Human CIP: Sanfords Vertical Training Plan (DS/DW/WW02015322 0.1 CEU)	\$ 15.00
Immokalee W&S Dist Case Study: Effective Biosolids Mgmt (WW02015262 0.1 CEU)	\$ 15.00
Improving Drinking Water Plant Perf & Reg Compl Via Chem Cntrl Optim (DS/DW02015252 0.1 CEU)	\$ 15.00
Innovative Disposal of RO Concentrate in Central Florida (DS/DW02015339 0.1 CEU)	\$ 15.00
Ion Exchange & Brine Waste Disposal Issues (DS/DW/WW02015247 0.1 CEU)	\$ 15.00
Is Onsite Sodium Hypochlorite Your Disinfection Solution (DS/DW/WW02015332 0.1 CEU)	\$ 15.00
Is Your Wastewater Collection System Model Stressed in a Good Way? (WW02015357 0.1 CEU)	\$ 15.00
Its Screen Time: Largest Headworks Design Under Construction in Florida (WW02015359 0.1 CEU)	\$ 15.00
Keeping Wastewater in the Pipe & Your Utility Out of the News (WW02015285 0.1 CEU)	\$ 15.00
Know the Unknown - Evaluating Water Main Inspection Technologies (DS/DW/WW02015386 0.1 CEU)	\$ 15.00
Lake City Treatment Wetland: Water Quality Performance & Operation (WW02015342 0.1 CEU)	\$ 15.00
Lime Softening the Forgotten Technology: Optimization Case Studies from S. Florida (DS/DW02015375 0.1 CEU)	\$ 15.00
Linking a Financial Module to Water Util. Master Planning (DS/DW/WW02015228 0.1 CEU)	\$ 15.00
Liquid Only Sewers: Past, Present & Future (WW02015378 0.1 CEU)	\$ 15.00
Localized Treatment for Reduction of Disinfection Byproducts (DS/DW02015333 0.1 CEU)	\$ 15.00
Lockout/Tagout (DW/WW/DS 02014076 0.1 CEU)	\$ 15.00
Low Cost Operating Modifications & Supplemental Carbon Automation to Achieve New Nitrogen Permit at Ridge Water Reclamation Facility (WW02015380 0.1 CEU)	\$ 15.00



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Magnetic Ion Exchange as a Pretreatment Step to a 120 MGD Surface Water Treatment Plant (DS/DW02015354 0.1 CEU)	\$ 15.00
Method to Reduce Adverse Gassing Effects in Hypochlorite Pumping (DS/DW/WW02015372 0.1 CEU)	\$ 15.00
Miami-Dade Water & Sewer Sludge Thickening & Dewatering Centrifuge Pilot Studies (WW02015325 0.1 CEU)	\$ 15.00
Minimize Your Footprint & Maintenance Headaches (WW02015365 0.1 CEU)	\$ 15.00
Natural Contaminant Attenuation During Reclaimed Water Aquifer Recharge in Destin (DS/DW/WW02015385 0.1 CEU)	\$ 15.00
New Technologies and Split Treatment Result in Improved Capacity and Performance (DS/DW02015287 0.1 CEU)	\$ 15.00
North Hillsborough Aquifer Recharge Project - NHARP (DS/DW02015360 0.1 CEU)	\$ 15.00
Odor Control at Wastewater Treatment Plants (WW02015230 0.1 CEU)	\$ 15.00
Online Water Quality Monitoring for Distribution Systems (DS/DW02015241 0.1 CEU)	\$ 15.00
Operation & Maintenance Comparative Assessments of Co-Located Nanofiltration, Lime Softening & Low-Pressure Reverse Osmosis Systems (DS/DW02015374 0.1 CEU)	\$ 15.00
Optimizing Biofiltration Strategies for Drinking Water Treatment (DS/DW02015238 0.1 CEU)	\$ 15.00
Optimizing Existing Facilities to Provide Additional Capacity at Low Cost (DS/DW02015280 0.1 CEU)	\$ 15.00
Optimizing Two-Stage Anaerobic Digestion Via Recycle From Aerobic Digester (WW02015367 0.1 CEU)	\$ 15.00
Optimizing Water Supplies With Aeration Ion-Exchange and RO (DS/DW02015234 0.1 CEU)	\$ 15.00
Optimizing Wellfield Performance Through Smart Analytics (DS/DW02015347 0.1 CEU)	\$ 15.00
Overcoming Obstacles With a Difficult-to-Handle Sludge: Centrifuge Piloting at Miami Central District Wastewater Treatment Plant (WW02015345 0.1 CEU)	\$ 15.00
Ozone & Chloramines: A Proven Combination at Conventional & Lime Softening Plants (DS/DW02015331 0.1 CEU)	\$ 15.00
Permitting Aquifer Storage & Recovery Systems (DS/DW02015237 0.1 CEU)	\$ 15.00
Phased Control Achieves Quality & Nitrate Rmvl from Oxid Ditch (WW02015257 0.1 CEU)	\$ 15.00
Phosphorus Removal from Wastewater via Chemical Process with Stoichiometric & pH Solubility Control (WW02015278 0.1 CEU)	\$ 15.00
Pioneering UV Treatment of Potable Water from High-Organic Surface Water (DS/DW02015289 0.1 CEU)	\$ 15.00
Pipe Bursting: The Preferential Method for Replacing Existing A-C Pipelines (DS/DW02015277 0.1 CEU)	\$ 15.00
Polyethylene Encasement for External Corrosion Control for Iron Pipelines (DS/DW02015276 0.1 CEU)	\$ 15.00
Potable Reuse: The Regulatory Context for FL & the U.S. (DS/DW/WW02015284 0.1 CEU)	\$ 15.00
Preparing for the Lead & Copper Rule Long-Term Revisions (DS/DW02015371 0.1 CEU)	\$ 15.00
Pressure Pipe Condition Assessment Technology Evaluation (DS/DW/WW02015329 0.1 CEU)	\$ 15.00
Prioritizing Well Rehabilitation with a Well Condition Survey (DS/DW02015290 0.1 CEU)	\$ 15.00
Process Control Strategies for BNR in a Oxidation Ditch (WW02015286 0.1 CEU)	\$ 15.00
Providing Resiliency in the Operation of a Transmission System (WW02015377 0.1 CEU)	\$ 15.00
Purified Water Production - an R & D Plant Operators Perspective (DS/DW02015361 0.1 CEU)	\$ 15.00
Purified Water Technology Evaluation Project (DS/DW/WW02015350 0.1 CEU)	\$ 15.00
Rapid Design & Construction of a Membrane WTP to Treat Water Quality Issues (DS/DW02015390 0.1 CEU)	\$ 15.00



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Rehabilitating Asbestos-Cement Pipelines (DS/DW02015236 0.1 CEU)	\$ 15.00
Replacing 8.5-inch Diameter Membranes to Save Energy (DS/DW02015282 0.1 CEU)	\$ 15.00
Restoring the Reliability to Older Potable Water Supply Wells (DS/DW02015291 0.1 CEU)	\$ 15.00
Reuse Water Reservoirs Help Meet Nitrogen TMDL (WW02015266 0.1 CEU)	\$ 15.00
Reuse, Reduce, Recharge, Restore & Recreate - The Ocala Wetland Park (WW02015368 0.1 CEU)	\$ 15.00
Reverse Osmosis Post Treatment Stabilization Using Liquid Lime (DS/DW02015275 0.1 CEU)	\$ 15.00
Selecting an Advanced Anaerobic Digestion Configuration & Biogas Management Strategy for the City of Tampa (WW02015344 0.1 CEU)	\$ 15.00
Separate or Combined Sidestream Treatment (WW02015242 0.1 CEU)	\$ 15.00
Sequential Chlorination & Chloramination (WW02015270 0.1 CEU)	\$ 15.00
Sodium Hypochlorite (DS/DW/WW02007023 0.1 CEU)	\$ 15.00
Solution for Upgrading Your Reclaimed Filter Needs (WW02015244 0.1 CEU)	\$ 15.00
Stabilizing Chlorine Demand in Wastewater Effluent (WW02015267 0.1 CEU)	\$ 15.00
Stable Attraction: How to Cheat the Activated Sludge Process for Additional Capacity Using the Magnetite-Ballasted Mixed Liquor Process (WW02015279 0.1 CEU)	\$ 15.00
Stormwater C Course (New!) - <b>Includes FW&amp;PCOA Course Book and Certification Exam</b>	\$ 275.00
Sunburned: W. Palm Beach Water Treatment Plant Digs Deep to Make Room for Ultraviolet Disinfection (DS/DW02015343 0.1 CEU)	\$ 15.00
Sustainable Aeration Design (WW02015256 0.1 CEU)	\$ 15.00
The Environmentally Sensitive Boca Ciega Bay 4000 Ft. Force Main Replacement: Taming HDD Technology (WW02015352 0.1 CEU)	\$ 15.00
The Other Advanced Sewage Treatment Systems (WW02015232 0.1 CEU)	\$ 15.00
The Role of Corrosion Indices in Establishing Effective Corrosion Control Treatment (DS/DW02015376 0.1 CEU)	\$ 15.00
The Secure Interconnect: Securing Remote Access & Data Exchange for Supervisory Control & Data Acquisition Systems (DS/DW/WW02015335 0.1 CEU)	\$ 15.00
The State of Biosolids in the US & FL: Can You Have Your Cake & Dispose of It Too? (WW02015388 0.1 CEU)	\$ 15.00
Treatment of Organic Laden Surface Water for TOC (DS/DW02015259 0.1 CEU)	\$ 15.00
Trench & Excav. Safety - Awareness (DW/WW/DS 02014022 0.1 CEU)	\$ 15.00
Turn Emergency Engine-Generator Assets into Revenue Sources (DS/DW/WW02015363 0.1 CEU)	\$ 15.00
Under Pressure: Developing a Residential Reuse System (WW02015364 0.1 CEU)	\$ 15.00
Understanding Design Standards & Codes for Biogas Systems (WW02015346 0.1 CEU)	\$ 15.00
Unique Application of Glycerol for Enhanced Biol. Phos. Removal (WW02015255 0.1 CEU)	\$ 15.00
Unique Raw Water Supply Distribution System at the Heart of JEA's Total Water Management Plan (DS/DW02015348 0.1 CEU)	\$ 15.00
Use of Pre-Corroded Linear Polarization Probes & Coupons for Conducting Corrosion Control Studies (DS/DW02015334 0.1 CEU)	\$ 15.00
Utilizing Non-Destructive Testing for Large Ductile Iron Force Main & Air Release Valve Evaluation (WW02015366 0.1 CEU)	\$ 15.00
Value Engineering Regulatory Burden to Lower Costs (DS/DW/WW02015248 0.1 CEU)	\$ 15.00
WAS Pretreat Boosts Vol Sol Red & Digester Gas Protect (WW02015250 0.1 CEU)	\$ 15.00



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Course	Tuition Fee
Wastewater Chlorination Systems: A Holistic Approach Towards Design & Construction (WW02015349 0.1 CEU)	\$ 15.00
Wastewater Collection B Course (New!) - <b>Includes FW&amp;PCOA Course Book and Certification Exam</b>	\$ 275.00
Wastewater Collection C Course (New!) - <b>Includes FW&amp;PCOA Course Book and Certification Exam</b>	\$ 275.00
Wastewater Ephemeralization (WW02015281 0.1 CEU)	\$ 15.00
Wastewater Level A Operator Exam Review - NO CEUs	\$ 135.00
Wastewater Level B Operator Exam Review - NO CEUs	\$ 125.00
Wastewater Treatment Capacity to Meet Projected Growth (WW02015353 0.1 CEU)	\$ 15.00
Wastewater Treatment Plant Operator C - <b>Qualified for Florida Licensing Exam!</b>	\$ 300.00
Wastewater Treatment Plant Operator Class B Online (WW02014214 8.0 CEU) - <b>Qualified for Florida Licensing Exam!</b>	\$ 300.00
Water Balanced: A Fairer Allocation Method for Floridas Water (DS/DW02015328 0.1 CEU)	\$ 15.00
Water Distribution 3 Online (NO CEU) - <b>Qualified for Florida Licensing Exam!</b>	\$ 225.00
Water Distribution Level 2 Online (DS/DW02014037 3.0 CEU) - <b>Qualified for Florida Licensing Exam!</b>	\$ 225.00
Water Quality Compatibility Challenges in SW FL (DS/DW02015271 0.1 CEU)	\$ 15.00
Water Treatment Plant Operator C - <b>Qualified for Florida Certification Exam!</b>	\$ 300.00
Wet-Weather Reuse Management Needs Wetlands (WW02015341 0.1 CEU)	\$ 15.00
Wipe Out the Wipes Crisis (WW02015351 0.1 CEU)	\$ 15.00