

## **ENTER THE PA-AWWA ON-LINE TRAINING ZONE!**



**Operators are now able to earn DEP Contact Hours at the plant or in your own home. On-line courses are each worth one DEP Contact Hour. AWWA Members fee is \$30.00 per course. Non-members fee is \$40.00 per course. Purchase ten courses and get one free! Check out our website at [www.paawwa.org](http://www.paawwa.org). For additional information contact PA-AWWA at 717-774-8870.**

### **THE 27 ON-LINE COURSES ARE AS FOLLOWS:**

#### **Pipe Flow**

**\*Course #1 Problems Caused By Roots In Sewers**

#### **Primary Treatment**

**Course #2 Cross Connection Control**

**\*Course #3 Hydraulics 1 - Closed Conduit Systems - WTR**

**Course #4 Introduction to Distribution System Piping and Valving**

#### **Safety**

**\*Course #5 Accident Investigation - WTR**

**Course #6 Basic Safety Fundamentals for the Water & Distribution System Operator**

**\*Course #7 Blood Borne Pathogens**

**\*Course #8 Confined Space Entry - WTR**

**\*Course #9 Lock Out Tag Out - The Control of Hazardous Energy – WTR**

**Course # 27 Wastewater Treatment Theory Class I (wastewater only)**

#### **Law, Regulations, and Acts**

**\*Course #10 United States Water And Wastewater Utility Industry - Federal, State, And Local Control - WTR**

**Management**

**\*Course #11 Leadership And How To Affect Change In Public Organizations - WTR**

**\*Course #12 United States Water and Wastewater Utility Industry - WTR**

**Course #26 Water Quality Management (wastewater only)**

**Water Treatment**

**Course #13 Drinking Water Disinfection**

**Course #14 Drinking Water Ion Exchange Softening**

**Course #15 Drinking Water Precipitation Softening**

**Course #16 Fundamentals of Coagulation and Flocculation**

**Course #17 Media Filtration For Drinking Water**

**Course #18 Ultraviolet Disinfection 1 - WTR**

**Water Analysis**

**Course #19 How To Perform Total Coliform Analytical Test For Drinking Water Quality**

**\*Course #20 Introductory to the Development of a Quality Assurance / Quality Control Plan - WTR**

**\*Course #21 Math Class 1**

**Membrane Technology**

**Course #22 Introduction to Membrane Operations for Small Utilities**

**Course #23 Membrane Unit Operations**

**Course #24 System Design and Flow Configurations for Membrane Operations**

**Course #25 Terms and Equations of Membrane Operations**

**\*1 DEP Contact for water and wastewater certification**