



Dual Credit (Drinking Water & Wastewater)

Water/Sewer Plans 101

Overview of basic interpretation of water and sewer civil drawings, including plan sheets, legends, symbols, and the Illinois Standard Specifications manual.

Offered annually (November)

SCADA 101 Introduction to SCADA Systems

A general overview of SCADA systems and their use and how they can help operators and managers.

Offered annually

Introduction to AC Motor Starters

Covers single- and three-phase AC motor fundamentals and motor starters (FVNR, FVR, RVSS, VFDs), including motor protection, installation, and applications.

Offered annually

Pumps & Pumping Class 3-Week Course

This course will detail pump component relationships and maintenance procedures and concepts and principles of pump theory and maintenance.

Permit Confined Space Training

Classroom training on OSHA 1910.146 requirements followed by hands-on non-entry rescue scenarios and equipment use.

Offered annually (Spring–Summer)

Underground Utility Line Locating

Training on locator types, operation, accuracy verification, marking, fault locating, and sonde use with hands-on field work.

Offered annually (Spring)

Competent Person Training - Trenching and Shoring

OSHA trenching requirements, soil classification, protective systems, inspections, rescue procedures, and live trench practicum.

Offered annually (Spring–Summer)



Dual Credit (Drinking Water & Wastewater) cont.

Sanitary Lift Station and Water Booster Pump Station 101

Basics of design, operation, permitting, inspection, and rehabilitation of lift stations and booster pump stations.

Offerings: #7051 Sanitary Lift Station and Booster Pump Station Design - 101
IEPA#17346

Sanitary Lift Station and Water Booster Pump Station Design, Construction Observation and Rehabilitation

Basics of sanitary lift station and water booster pump station design and construction observation.

Offerings: #7064 Sanitary Lift Station and Water Booster Pump Station Design, Construction Observation and Rehabilitation IEPA#21809

Sewer and Water Main Design, Construction Observation and Rehabilitation

Basics of sanitary sewer design, water main design, construction observation and both conventional and trenchless rehabilitation of water mains and sanitary sewers.

Offerings #7069 Sewer & Water Main Design, Construction Observation & Rehabilitation IEPA#21810

Reading and Understanding Piping & Instrument Diagrams (P&IDs)

Introduces P&ID standards, symbols, terminology, and practical examples used in treatment facilities.

Offerings: #2451 Reading and Understanding Piping & Instrument Diagrams (P&ID)
IEPA#20596 - Illinois Section American Water Works Association