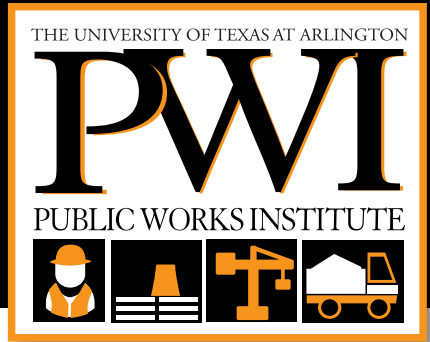


PUBLICWORKS TRAINING CATALOG

REGISTER TODAY | 866.906.9190 | UTA.EDU/DED



WORK ZONE TRAFFIC CONTROL

The First Line of Defense

Teach roadway construction
& maintenance crews how to
protect themselves

FIRE & SAFETY

*Get the Most Out of Your
Fire Programs*

Learn how to effectively
implement NFPA 1500

UTILITY LOCATING

Know What's Below

Take a class to reduce fines
and improve on locate accuracy

GSA

UNIVERSITY OF TEXAS



ARLINGTON

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GSA PROGRAM

Discount pricing and streamlined purchasing procedures for open enrollment and custom contract training is now available to federal government customers through The University of Texas at Arlington's GSA Schedule 899 Environmental Services contract.

Visit our website at uta.edu/ded for more information or call us at 866.906.9190.

WKZ 401

Construction Site Safety in the Work Zone OSHA

No Cost (Subsidized through a FHWA grant) | 12 Hours

The University of Texas Arlington's (UTA) Division for Enterprise Development and The Federal Highway Administration (FHWA) are offering UTA's instructor-led Construction Site Safety in the Work Zone course in FHWA's Region Six. The six state region is comprised of Arkansas, Louisiana, New Mexico, Oklahoma and Texas. The course provides comprehensive health and safety training related to road construction work sites and ensures compliance with federal OSHA Standards with expanded emphasis on worker safety. Participants will receive a certificate of completion from UTA's Public Works Institute and an OSHA 10-Hour Construction Industry Outreach Card. This course is designed to concentrate on activities which generate the highest level of accidents and injuries in road construction and maintenance work zones. It will help students recognize unsafe work practices and reduce or eliminate hazards from the work environment.

**TO HOST A FREE CLASS,
PLEASE CONTACT:**

Ashley Mathews
979-307-7416
pwi@uta.edu



EXC 201 Excavation Safety

\$195 | 8 Hours
\$2,400 Contract Class (up to 20 students)*

This course is designed to meet the Competent Person training requirement of the OSHA Standard for Excavations. It is intended to provide those who work in or around excavations or might be exposed to excavation hazards with the ability to recognize and minimize such hazards. Course content includes: overview of excavations/trenches; common excavation hazards; hazard recognition; soil types and classifications; protective systems including benching/sloping, shoring, and shielding; access and egress; applicable regulatory requirements; and components of an OSHA-compliant excavation safety program. Upon successful course completion participants will receive certificates of completion from the UTA's Public Works Institute and the U.S. Department of Labor's OSHA Training Institute.

Jan 26, 2017	Houston (Central), TX
Feb 22, 2017	Austin, TX
March 30, 2017	Arlington, TX

ELC 203 Electrical Safety

\$195 | 8 Hours
\$2,400 Contract Class (up to 20 students)*

This course is intended to provide participants who might be exposed to electrical hazards (such as electric shock, electrocution, fires, and explosions) with the ability to recognize and minimize such hazards. Course content includes: electrical concepts; hazard recognition and control; definitions and terminology; safe work practices; lockout-tagout; electrical equipment; wiring; special systems; applicable regulatory requirements; and components of an OSHA-compliant electrical safety program. Upon successful course completion participants will receive certificates of completion from the UTA's Public Works Institute and the U.S. Department of Labor's OSHA Training Institute.

Mar 8, 2017	Arlington, TX
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FP 204 Fall Safety

\$195 | 8 Hours
\$2,400 Contract Class (up to 20 students)*

This course is designed to meet the Competent Person training requirement of the OSHA Standard for Falls. This course is intended to provide those who work at elevation and are exposed to fall hazards with the ability to recognize and minimize such hazards. Course content includes: overview of fall protection; common workplace fall hazards; hazard recognition; fall protection systems including personal fall arrest equipment, guardrails, and safety nets; applicable regulatory requirements; and components of an OSHA-compliant fall protection program. Upon successful course completion participants will receive certificates of completion from the UTA's Public Works Institute and the U.S. Department of Labor's OSHA Training Institute.

CS 202 Confined Space Safety

\$195 | 8 Hours
\$2,400 Contract Class (up to 20 students)*

This course is designed to meet the training requirements of the OSHA Standard for Confined Space Entry for entrants, attendants, and entry-supervisors. It is intended to provide participants who might be exposed to confined space hazards with the ability to recognize and minimize such hazards. Course content includes: overview of confined spaces; common confined space hazards; hazard recognition; classification of confined spaces; the permit system; atmospheric testing; ventilation systems; duties and responsibilities of entrants, attendants, and entry-supervisors; rescue considerations; applicable regulatory requirements; and components of an OSHA-compliant confined space program. Upon successful course completion participants will receive certificates of completion from the UTA's Public Works Institute and the U.S. Department of Labor's OSHA Training Institute.

May 19, 2017	Arlington, TX
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LND 201 Tree Trimming Safety Awareness

\$150 | 8 Hours
\$2,400 Contract Class (up to 20 students)*

This course is intended to provide participants with the ability to identify, evaluate, and prevent hazards associated with tree trimming operations, and the use of chippers and chainsaws. Course topics include: important safety practices to be followed; OSHA and ANSI regulations; job briefing and unit set-ups; and the use of appropriate personal protective equipment. Students participate in hands-on exercises to properly identify equipment components, conduct a pre-operational inspection, and perform routine maintenance.

Feb 16, 2017	Arlington, TX
Feb 21, 2017	Houston (Central), TX



TxDOT provides grant programs to support the mission of the Texas Traffic Safety Program which is to identify traffic safety problem areas and implement programs to reduce the number and severity of vehicular crashes throughout the state. Through this program The University of Texas at Arlington is able to offer these exclusive trainings at NO cost to local government organizations in Texas.

CCT 200 **Flagger Training in Spanish**

Free to local governments | 4 Hours

This course is presented in Spanish. It is equivalent to the Flagger Training in English (CCT 300). It is intended for individuals who will be performing or engaging in flagging duties on construction/maintenance projects. The course will provide a better understanding of the important duties involved with flagging on a project. Individuals successfully completing this course will receive a Qualified Flagger wallet card valid for a period of 3 years.

CCT 401 **Work Zone Construction Site Safety**

Free to local governments | 12 Hours

This class is designed to concentrate on activities which generate the highest level of accidents and injuries in road construction and maintenance work zones. It will help students recognize unsafe work practices and reduce or eliminate hazards from the work environment. The training reinforces components of proper work zone traffic control and flagging and includes all required content for the OSHA 10-Hour Outreach Construction Card: Fall Protection, Electrical, Struck By, Caught in/Between - Heavy Equipment, Health Hazards in Construction, Material Handling, Hand and Power Tools, Excavations, Stairways and Ladders, Communication, and more. An OSHA 10-Hour wallet card and a UTA's Public Works Institute certificate are issued upon successful completion of this training. This course is also recognized for 12 hours of training credit for TCEQ Water and Wastewater Operators.



CCT 515**Installation and Maintenance of Signs and Pavement Markings****Free to local governments | 12 Hours**

This course is designed to help students understand accepted practices in the application, installation, maintenance, and operation of signs and pavement markings typically used on public roadways. Upon successful course completion, participants will receive a certificate of completion and 1.6 CEUs from UTA's Public Works Institute.

CCT 520**Work Zone Traffic Control/Qualified Flagger****Free to local governments | 16 Hours**

This is the primary course for all personnel involved in the design, layout, and maintenance of traffic control devices on public roadways. Course content includes the proper usage of common temporary traffic control devices, the components of a typical work zone and how to lay out buffers, tapers, advance warning areas, and termination areas. Students will also learn and demonstrate proper use of hand signaling devices and flagging procedures. Upon successful course completion, participants will be issued a Qualified Flagger card valid for 3 years and will receive a certificate of completion and 1.6 CEUs from UTA's Public Works Institute. This course is also recognized for 16 hours of training credit for TCEQ Water and Wastewater Operators.

CCT 521**TMUTCD Update and Work Zone Refresher****Free to local governments | 8 Hours**

This course provides an update of basic changes included in the Revision 2, November 2011 edition of the Texas Manual of Uniform Traffic Control Devices (TMUTCD). The course also serves as a refresher for participants who have previously taken the CCT 520 (Work Zone Traffic Control/Qualified Flagger) course. The course also includes an overview and refresher of the requirements for temporary traffic control in work zones, allowing students to sharpen skills by designing temporary traffic control plans to meet hypothetical situations. Upon successful course completion, participants will receive a certificate of completion and 0.8 CEUs from UTA's Public Works Institute.

CCT 700**Traffic Management for First Responders****Free to local governments | 6 Hours**

Texas' population and economic growth have significantly increased the number of vehicles, especially commercial vehicles, on its roads. This results in an increase in primary incidents which in turn heightens the chance of secondary incidents. These secondary incidents can be as deadly and destructive as the initial situation. An appropriate traffic control response by first responders can make a significant difference in the probability of a secondary incident. This **SHRP2** National Traffic Incident Management Responder Training based course provides first responders with the knowledge needed to ensure a well-coordinated response to traffic incidents that achieves faster clearance and improved safety for both responders and motorists. This course is eligible for TCOLE, TCFP, TX DSHS EMS, or TDLR TOWING continuing education credits.

FREE TRAINING!

Municipal, county, and other local government roadway organizations can schedule their FREE TRAINING by contacting:

817.272.9678

pwi@uta.edu

Be sure to mention you are with a local government organization in order to be scheduled for the correct course.

FLG 521 Flagger Training

\$200 | 4 Hours
\$2,400 Contract Class (up to 25 students)*

This course is intended for individuals who will be performing or engaging in flagging duties on construction/maintenance projects. The course will provide a better understanding of the important duties involved with flagging on a project. Individuals successfully completing this course will receive a Qualified Flagger wallet card valid for a period of 3 years.

Dec 13, 2016	Arlington, TX
Jan 19, 2017	Houston (Central), TX
Mar 29, 2017	Austin, TX

FLG 522 Flagger: Train the Trainer

\$395 | 8 Hours
\$3,300 Contract Class (up to 25 students)*

This course is designed to prepare contractor representatives to present the 4-hour Flagger Training course to employees wishing to become qualified flaggers. In addition to basic training in fundamental concepts of work zone traffic control and flagging, adult training techniques will be presented, discussed, and demonstrated. There will be an opportunity for the participants to practice training techniques and flagging procedures. Upon successful completion of the course, students will be qualified to train flaggers for a period of 3 years and will also receive:

- A fully scripted Instructor's Manual
- CD-ROM with PowerPoint presentation
- MUTCD Parts, 1, 5, and 6
- Access to Outreach Training Portal
- Qualified Flagger Reference Guide
- Temporary Traffic Control Tri-fold

Dec 14, 2016	Arlington, TX
Jan 19, 2017	Arlington, TX
Jan 20, 2017	Houston (Central), TX
Feb 14, 2017	Austin, TX
Mar 30, 2017	Austin, TX
Apr 13, 2017	Austin, TX
Jun 22, 2017	San Antonio, TX

WKZ 100 Work Zone Safety: Temporary Traffic Control

\$125 | 4 Hours
\$2,400 Contract Class (up to 25 students)*

This course is designed to serve as an introduction/overview of established traffic control guidelines for maintenance activities and other short-term operations. It is intended for field personnel responsible for the planning, selection, application, and operation of short-term work zones. It addresses the needs of a broad audience: maintenance crews, utility crews, construction personnel, state and local agency staff, and any individual who will work in or near a highway right-of-way. The course covers elements of temporary traffic control found within Chapter 6 of the Texas Manual on Uniform Traffic Control Devices (TMUTCD) such as components of a work zone and their respective requirements, proper application of devices, worker safety, and the use of typical applications most often utilized in short term operations.

WKZ 421 Traffic Control Supervisor

\$450 | 16 Hours
\$4,000 Contract Class (up to 20 students)*

This 16 hr. course is geared to those who supervise traffic control technicians and other personnel in roadway work zones and is intended to familiarize supervisors with procedures used to make decisions regarding work zone traffic control. Course meets TxDOT Special Provision to Item 7 standard for Contractor Responsible Person and Alternate. Course content includes:

Designing a series of traffic control plans that meet TMUTCD requirements

- Treatment procedures for pavement edge drop-offs
- Procedures for conducting periodic inspections of the traffic control setup
- Considerations for day and nighttime work zones
- Importance of proper record keeping
- A review of basic communication strategies for improved worker performance

Dec 7-8, 2016	Arlington, TX
Jan 25-26, 2017	Austin, TX
Jan 19-20, 2017	El Paso, TX
Feb 1-2, 2017	Houston (Central), TX
Feb 22-23, 2017	Arlington, TX
Mar 15-16, 2017	Austin, TX
Mar 29-30, 2017	Houston (Central), TX
Jun 26-27, 2017	Arlington, TX

DOT 101**Hazardous Materials Transportation Awareness****\$195 | 8 Hours****\$3,000 Contract Class (up to 20 students)****Online | \$150**

This course provides the fundamentals of complying with the Department of Transportation (DOT) 49 CFR for proper handling of hazardous materials and regulatory requirements. Participants will learn how to use the Hazardous Materials Table to determine if materials are hazardous and how to communicate the requirements such as how to assign proper shipping names and descriptions; proper class and division, guidance for proper packaging and handling, prepare shipping papers, proper marking, and labeling and placarding. Hazardous Material registration, permitting, responsibilities, and enforcement will be covered.

Dec 15, 2016

Arlington, TX

DOT 201**DOT Hazardous Materials Transportation Certification Training****\$595 | 24 Hours****\$8,000 Contract Class (up to 20 students)**

An intensive three-day program designed for personnel directly involved in the handling, packaging, loading, shipping, and/or preparation of hazardous materials/waste for transportation or who operate a hazardous materials transportation vehicle. Topics include changes and new requirements of Title 49 Code of Federal Regulations Parts 171 - 178 now in effect, with emphasis on highway transportation of hazardous materials/waste. This course satisfies the training requirements of 49 CFR Subpart H 172.700 for "Haz-Mat Employees" and "Haz-Mat Employers."

Refresher training: Required at least once every three years.

DOT 301**Hazardous Materials Multi-Modal Transportation****\$695 | 32 Hours****\$9,000 Contract Class (up to 20 students)**

An intensive four-day comprehensive ground, air, and vessel training program designed for individuals who are responsible for overall compliance with the U.S. DOT, IATA regulations, and the IMDG Code. DOT topics include recognizing and responding to security threats; classifying hazardous materials; using 49 CFR 172.101 table and selecting proper shipping names; general packaging requirements; marking and labeling packages; preparing shipping papers and manifests; placarding requirements; loading, unloading, and segregation rules; recordkeeping and training mandates; and reporting hazmat incidents and emergencies. IATA topics include: using the IATA dangerous goods list and selecting proper shipping names, IATA packing instructions; and preparing the Shipper's Declaration and Shipper's Certification. IMDG topics include: classifying hazardous materials under the IMDG code, using the dangerous goods list, IMDG packaging instructions, marking and labeling packages, preparing the multimodal dangerous goods form, placarding, marking CTU requirements, consolidation, segregation, loading and unloading, and stowage.

Refresher training: Required at least once every three years.

ONLINE TRAINING

Online transportation related electrical courses allow students the opportunity to get the training they need. Visit uta.edu/ded and scroll down to TxDOT Online Electrical.

The Grounding Electrode System.....	\$125
Troubleshooting Common Problems in Illumination Systems.....	\$125
Splicing Options Acceptable to TxDOT.....	\$125
Installation Requirements for Temporary Wiring	\$125
Grounding & Bonding Requirements	\$125
Ground Box Installations.....	\$125
Contractors' Equipment Testing Requirements.....	\$125
Conduit Installation Requirements.....	\$125
Common Mistakes on TxDOT Electrical Installations.....	\$125

Using Material Producers List.....	\$125
Conductor Installation Requirements	\$125
Installation Requirements for Traffic Signal Controller Cabinets.....	\$125
Underpass Illumination	\$125
Installation Requirements for Breakaway Pole Bases	\$125
Types of Electrical Service Supports	\$125
Concrete Barrier Illumination Installation Requirements.....	\$125
High Mast Pole Installation Requirements	\$125
High Mast Pole Lighting Ring with Obstruction Lighting.....	\$125
Pedestrian Poles and Roadside Flashing Beacon Installation Requirements	\$125
Illumination and Signal Pole Foundations.....	\$125
TxDOT Electrical Services, Types A & C	\$125
TxDOT Electrical Services, Types D & T	\$125
Maintaining High Mast Pole's Winch and Verifying Winch Brake Settings	\$125

ELC 203

Electrical Safety

\$195 | 8 Hours

\$2,400 Contract Class (up to 25 students)*

This course is intended to provide participants who might be exposed to electrical hazards (such as electric shock, electrocution, fires, and explosions) with the ability to recognize and minimize such hazards. Course content includes: electrical concepts; hazard recognition and control; definitions and terminology; safe work practices; lockout-tagout; electrical equipment; wiring; special systems; applicable regulatory requirements; and components of an OSHA-compliant electrical safety program. Upon successful course completion participants will receive certificates of completion from the UTAs Public Works Institute and the U.S. Department of Labor's OSHA Training Institute.

ELC 450

Electric Arc Flash and NFPA 70E Awareness

\$210 | 8 Hours

\$5,000 Contract Class (up to 25 students)*

This course is designed to introduce the student to the basic components of an electrical circuit, the potential hazards, and how to recognize and avoid such hazards. This course will introduce various portions of NFPA, Vol. 70E covering electrical hazards and personal protective equipment (PPE). The course will enhance the knowledge of those individuals who install, maintain, inspect and/or supervise the repairs, tests, diagnostics, and other work on or near electrically energized equipment.

UTL 101

Subsurface Utility Locating & Marking Workshop

\$360 | 8 Hours

\$1,950 Contract Class (up to 20 students)*

This training addresses underground utility line locating and marking state laws and standards. The course provides a balanced mixture of classroom training combined with hands-on field instruction performed outdoors. Participants gain an A-Z understanding of the fundamentals of line locating. Special emphasis is placed on mastery of the electronic detection equipment and troubleshooting techniques to solve utility locating puzzles. Participants will also gain an overall understanding of utility and pipeline construction and design. This workshop is designed for experienced employees whose job may require them to perform line locating activities as part of their assigned duties.

UTL 102

Advanced Utility Locator Training

\$950 | 24 Hours

\$5,850 Contract Class (up to 20 students)*

Students will enjoy plenty of hands on training time spent outdoors utilizing an assorted array of locating devices and methods. Participants will learn methods for creating and deploying a site locating plan along with advanced troubleshooting techniques utilizing both equipment and deductive reasoning skills to identify, overcome and even prevent certain types of line locating errors. Recommended for students who have at least 3 years of experience in utility line locating.

UTL 201

Pipeline Locating, Marking & Damage Prevention Training

\$550 | 8 Hours

\$1,950 Contract Class (up to 20 students)*

This training is designed for gathering, transmission and distribution pipeline system employees responsible for, design, construction, maintenance and construction of the pipeline system. This is a customized training event designed to address pipeline specific issues, locating challenges and best practices for damage prevention. Recommended for students who are experienced pipeline employees.

UTL 202

Pipeline Basic Locator Training

\$360 | 16 Hours

\$3,900 Contract Class (up to 20 students)*

The general class is designed for gathering, transmission and distribution pipeline system employees responsible for, design, construction, maintenance and construction of the pipeline system. The course will address pipeline specific issues and regulatory requirements, locating challenges as well as best practices for damage prevention. Accurate locating techniques and safe excavation practices are the premises of this training. Recommended for pipeline employees & contractors with little or no experience in the pipeline industry.

WTR 301**Introduction to Water and Wastewater Regulations****\$795 | 24 Hours****\$10,000 Contract Class (up to 20 students)**

This course provides an introduction to the Clean Water Act (CWA) and the National Pollutant Discharge Elimination System (NPDES), to include the NPDES permit types for storm water, industrial wastewater, domestic wastewater, and pre-treatment. Case studies and class activities will be used to provide opportunities for participants to utilize knowledge gained during the course. The course will facilitate student's ability to attain and maintain compliance with applicable water and wastewater regulations, and to better understand how those regulations impact their organization.

Jan 25 - 27, 2017	Albuquerque, NM
Feb 21 - 23, 2017	La Marque (Galveston), TX
Mar 15 - 17, 2017	Bentonville, AR
Apr 18 - 20, 2017	Oklahoma City, OK
May 17 - 19, 2017	Arlington, TX
Jul 19 - 21, 2017	Arlington, TX

WTR 302**Stormwater Pollution Prevention Plans (SWPPP)****\$650 | 16 Hours****\$8,000 Contract Class (up to 20 students)**

This course covers the fundamental requirements of a storm water pollution prevention plan including how to identify your facility's potential sources of pollution, discharge, or contamination, and methods to prevent and control storm water pollution through the implementation of BMPs. From new construction to plant operations, participants will gain an understanding of erosion and sedimentation challenges as well as methods to monitor and evaluate the effectiveness of SWPPPs.

Mar 9 - 10, 2017	Arlington, TX
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WTR 305**Wastewater Pretreatment – Strategies and Controls****\$650 | 16 Hours****\$8,000 Contract Class (up to 20 students)**

Does your facility discharge or haul wastewater to a treatment plant? If so, this introductory training for wastewater pretreatment provides practical resources to implement NPDES federal, state and local wastewater pretreatment requirements under the Clean Water Act. This course introduces the principles and technologies of wastewater pretreatment and explores the challenges of regulatory compliance through classroom activities and case studies.

WTR 307**National Pollutant Discharge Elimination System (NPDES) – Water Quality****\$650 | 16 Hours****\$8,000 Contract Class (up to 20 students)**

The National Pollutant Discharge Elimination System (NPDES) is a comprehensive program to manage pollutant discharges through a permitting process. The common sources of water pollutants are stormwater, sewer overflow systems, publicly-owned treatment works, concentrated animal feeding operations and industrial wastewater. During this course, the NPDES permitting process will be explored as well as the preservation of water quality through workshops and case studies.

Dec 1 - 2, 2016	Arlington, TX
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WTR 308**Potable Water Storage Inspection Techniques****\$650 | 16 Hours****\$8,000 Contract Class (up to 20 students)**

Water storage tanks and towers are assets that represent a major capital investment.

WTR 308 is focused on giving students a well-rounded overview of the various ways water storage facilities may be inspected and reasons for ensuring the entire facility, including the interior roof and floor, are inspected. The course will also cover developing an inspection strategy; the various underwater cameras available; sediment sampling devices; gas monitoring instruments needed for human entry into the tank; along with best practices for inspection documentation.

Dec 15 - 16, 2016	Arlington, TX
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HM 241
HAZWOPER General Site Worker 40-Hour**\$595 | 40 Hours****\$10,000 Contract Class (up to 20 students)**

This course is designed to fulfill training requirements for hazardous waste cleanup workers listed within Title 29 Code of Federal Regulations 1910.120(e). Topics include: scope, application, and definitions; safety and health programs; site characterization and analysis; site control; training; medical surveillance; engineering controls, work practices, and personal protective equipment; monitoring; site safety and health plans; drums and containers; decontamination; and on-site emergencies.

Dec 5 - 9, 2016	Arlington, TX
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Jan 30 - Feb 3, 2017	Houston (South), TX
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Apr 10 - 14, 2017	Austin, TX
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May 29 - Jun 2, 2017	El Paso, TX
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Jul 17 - 21, 2017	Arlington, TX
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HM 243
HAZWOPER Site Supervisor**8 Hours****\$3,000 Contract Class (up to 20 students)**

This course is designed to fulfill the OSHA regulatory requirements listed within Title 29 Code of Federal Regulations 1910.120(e) for on-site managers and supervisors directly responsible for or who supervise employees engaged in hazardous waste operations. Topics include: corporate safety and health programs; employee training requirements; personal protective equipment programs; spill containment programs; respiratory protection programs; medical surveillance programs; and state-of-the-art practices and procedures.





HM 244

HAZWOPER First Responder Awareness Level

\$195 | 8 Hours

\$3,000 Contract Class (up to 20 students)

This course is designed for individuals who are likely to witness or discover a hazardous substance release. This course provides the required training so these individuals may initiate an emergency response sequence by notifying the proper authorities of the release. Topics covered in the course include: hazardous materials and the risks associated with them; potential outcomes associated with an emergency incident; haz-mat recognition; haz-mat identification; the role of the awareness level individual; site security and control; DOT Emergency Response Guidebook; additional resource needs; and communications.

HM 245

HAZWOPER First Responder Operations Level

24 Hours

\$7,000 Contract Class (up to 20 students)

This course is designed for individuals who respond to releases or potential releases of hazardous substances as part of the initial response to the site for the purpose of protecting nearby persons, property, or the environment from the effects of the release. This program provides these individuals with the training required to respond in a defensive fashion without actually trying to stop the release and to contain the release from a safe distance, keep it from spreading, and prevent exposures. Topics include: basic hazard and risk assessment techniques; personal protective equipment; hazardous material terms; control, containment, and confinement operations; decontamination procedures; incident command system; toxicology; and pre-event and event-specific planning.

LS 101

Life Safety Code Concept

\$695 | 32 Hours

\$10,000 Contract Class (up to 20 students)

This course provides training and application of the concepts of NFPA 101 Life Safety Code requirements that protect people, property, and equipment. The course covers a host of topics in Chapters 1 through 10 related to reducing the spread of fire in buildings and providing means of safe egress from buildings when necessary. The code includes different requirements for different types of occupancies/buildings such as warehouses, hangars, industrial buildings, assembly buildings, hotels, homes, and hospitals. Case studies and exercises will be used to convey the concepts behind the code and its relationship to OSHA and Building Code requirements. Attendees will receive a copy of the NFPA 101 Life Safety Code. This course is designed for building managers, facility engineers, safety and health professionals, engineers, architects, building owners, and insurers.

Jan 10 - 13, 2017	San Antonio, TX
Feb 28 - Mar 3, 2017	Arlington, TX
Apr 18 - 21, 2017	San Antonio, TX
May 2 - 5, 2017	Houston, TX
Jun 20 - 23, 2017	Arlington, TX
Aug 29 - Sep 1, 2017	San Antonio, TX

LS 105A

Life Safety for Correctional and Detention Facilities

\$695 | 32 Hours

\$8,000 Contract Class (up to 20 students)

This course builds upon the material covered in the LS 101 Course on the NFPA 101 Life Safety Code requirements. Participants will receive training on the application of NFPA 101 Life Safety Code requirements to specific building use based upon the occupancy classification system Correctional Facilities Occupancies. Because occupant safety in detention and correctional facilities cannot be ensured solely by evacuating the building, learn the unique methods that are used to provide protection and security such as the role of adequate and trained staff, facility arrangements, and the use of specialized procedures for design, construction, compartmentation, detection, and extinguishment. This course is designed for correctional facility administrators, building managers, facility engineers, safety and health professionals, engineers, architects, building owners, and insurers.

Dec 13 - 16, 2016	Houston, TX
Mar 14 - 17, 2017	Arlington, TX
May 30 - Jun 2, 2017	San Antonio, TX
Jul 25 - 28, 2017	Arlington, TX
Sep 19 - 22, 2017	Arlington, TX



FS 1000**Building Construction for the Fire Service****\$595 | 24 Hours****\$8,000 Contract Class (up to 20 students)**

The Building Construction Course enables participants to learn the components of building construction as they relate to firefighter safety and life safety, identify various classifications of building construction, and explain the theoretical concepts of how fire impacts the major types of building construction. Participants will gain knowledge on the elements of construction and the design of structures that are key factors when inspecting buildings, pre-planning fire operations, and operating during emergencies. The classification of major types of building construction is discussed along with an analysis of the hazards and tactical considerations associated with various types of building construction. The loading and stresses related to buildings and the function of the principal structural components in supporting and distributing these loads is discussed in depth. Participants will be able to identify the indicators of potential structural failures as they relate to firefighter safety and how to respond to fires in various types of construction.

Jan 30 - Feb 1, 2017	San Antonio, TX
Mar 27 - 29, 2017	San Antonio, TX
May 15-17, 2017	Arlington, TX
Jul 10-12, 2017	Houston, TX
Sep 11-13, 2017	El Paso, TX

FS 520**Hazardous Materials Awareness, Response and Analysis for Firefighters, Law Enforcement and First Responders****\$695 | 32 Hours****\$8,000 Contract Class (up to 20 students)**

This course provides firefighters and first responders with the skills and knowledge necessary to protect themselves, nearby persons, property, or the environment from the effects of a hazardous material release as part of the initial response. The material response requirements in NFPA, OSHA, and EPA are presented. Topics include: basic hazard and risk assessment techniques; personal protective equipment; hazardous material terms; control, containment, and confinement operations; decontamination procedures; incident command system; toxicology; and, pre-event and event-specific planning.

Jan 10 - 13, 2017	San Antonio, TX
Feb 21 - 24, 2017	San Antonio, TX
Apr 4 - 7, 2017	Arlington, TX
Jun 13 - 16, 2017	Arlington, TX
Aug 15 - 18, 2017	Houston, TX

FS 710**Blueprint Reading for the Fire Service****\$395 | 16 Hours****\$5,000 Contract Class (up to 20 students)**

This course provides participants with basic instruction on blueprint reading to enable them to understand construction blueprints and various trade schematics used in building construction. Participants learn to identify and interpret the different standards for symbols and abbreviations found on fire, life safety, plumbing, heating and ventilation, and electrical construction drawings, schematics, and wiring diagrams. Participants will also learn fire safety and building code requirements and be able to identify hazards during the various project design phases. The training will enable participants to provide construction recommendations that will improve overall safety of the facility and the construction process.

Feb 2-3, 2017	San Antonio, TX
Mar 30-31, 2017	San Antonio, TX
May 18-19, 2017	Arlington, TX
Jul 13-14, 2017	Houston, TX
Sep 14-15, 2017	El Paso, TX

**FIRE 1500 CERTIFICATES**

Learn how to effectively implement NFPA 1500 to improve the health and safety of your firefighters and the overall performance of your department. Find out more at Fire1500.com

SAFETY & HEALTH OPERATIONS**REQUIRED (4)**

- | | |
|----------------------------------|--|
| <input type="checkbox"/> FS 1500 | Fire Safety & Health Management |
| <input type="checkbox"/> RM 105 | Fire Risk Management |
| <input type="checkbox"/> FS 201 | Applied Fire Safety, Protection & Analysis |
| <input type="checkbox"/> NFFF | Everyone Goes Home: 16 Life Safety Initiatives |

FS 760**Incident Command System****\$695 | 32 Hours****\$8,000 Contract Class (up to 20 students)**

This course provides training in Incident Command under the National Incident Management System (NIMS) for Fire Service Personnel, Law Enforcement, Emergency Medical Personnel, and Corporate Organizations. The training provides an introduction to the Incident Command System (ICS) and then develops the knowledge and skills necessary for personnel who are likely to assume a supervisory position during Incident Command. It will cover management of resources, the duties of all positions, and examples of how principles are used in incident and event planning. It also explains the relationship between ICS and the NIMS. This class can be specially tailored for each organization for any level of Incident Command using real life scenarios.

Dec 13 - 16, 2016	Arlington, TX
Mar 21 - 24, 2017	Houston, TX
May 23 - 26, 2017	Arlington, TX
Sep 5 - 8, 2017	Arlington, TX

FS 860**Applied Fire/Safety Protection and Emergency Analysis****\$795 | 40 Hours****\$10,000 Contract Class (up to 20 students)**

This is an interactive course where participants will be provided with a comprehensive working knowledge of fire protection and prevention as it pertains to life safety within the workplace. Topics include: historical background on codes and standards, legal and ethical authority, fire safety, building construction, building occupancy classifications, means of egress, features of fire protection, tent fire safety code analysis, building rehabilitation, field inspections, and detailed information on the Incident Command System ICS 100. Participants will also earn an OSHA #7105 certificate.

Jan 23 - 27, 2017	Houston, TX
Mar 6 - 10, 2017	San Antonio, TX
May 8 - 12, 2017	Arlington, TX
Jun 26 - 30, 2017	Houston, TX
Aug 21 - 25, 2017	San Antonio, TX

FS 1500**Fire Safety and Health Management****\$695 | 40 Hours****\$10,000 Contract Class (up to 20 students)**

This course outlines the Fire & ES Occupational Safety and Health Management System as described in NFPA 1500. It is intended to provide a method to assess a fire department's occupational safety and health management program. It provides participants with the tools necessary to develop the various components of the program to include facility inspection, equipment inspection and management system evaluation.

Jan 30 - Feb 3, 2017	El Paso, TX
Apr 24 - 28, 2017	Houston, TX
Jul 31 - Aug 4, 2017	San Antonio, TX

FS 2225**Respiratory Protection for Firefighters, Law Enforcement and First Responders****\$595 | 26 Hours****\$8,000 Contract Class (up to 20 students)**

This course covers the requirements for the establishment, maintenance, and monitoring of a respiratory protection program for fire departments. Course topics include terminology, NFPA requirements, OSHA Respiratory Protection Standards, NIOSH certification, respiratory protection programs, and medical evaluation requirements. Program highlights include workshops on respirator selection to fit the exposure, qualitative and quantitative fit testing, and the use of respiratory protection and support equipment.

Jan 10 - 12, 2017	Arlington, TX
Feb 14 - 16, 2017	San Antonio, TX
Apr 11 - 13, 2017	El Paso, TX
Jun 6 - 8, 2017	Arlington, TX
Aug 8 - 10, 2017	San Antonio, TX

Our heavy equipment operator and safety training is delivered through a blended approach of classroom instruction and in-the-seat operation of the equipment. Training is conducted at the client's site using the client's equipment. Find out more by contacting us at 866.906.9190 or at pwi@uta.edu

HEO 127

Aerial/Scissor Lift

\$195/student plus travel reimbursement | 8 Hours
10 student minimum; 15 student maximum:
10 students per machine

This course is designed to provide entry level skills for the operators of aerial/scissor lifts. The students will learn the proper selection and use of fall protection equipment to be worn during the operation of aerial or scissor lifts. They will also learn the safe and correct methods of inspecting, driving, setting up the machine, and elevating the platform or basket to the work station.

HEO 120

Asphalt Distributor

\$2,475/class plus travel reimbursement | 32 Hours
6 students max: 6 students per machine

This course is designed to provide entry level skills for the operators of asphalt distributor trucks. Students will learn safety, pre-operational inspection, and preventive maintenance; safety systems; propane tank and burner specifics; air system maintenance; spray bar and spray nozzle maintenance; correct procedures for filling and draining tanks. The training will also cover asphalt and emulsion specifications; calculating application rates and application procedures.

HEO 155

Backhoe/Front End Loader

\$3,300/class plus travel reimbursement | 32 Hours
8 students max: 2 students per machine

This course is designed to provide entry level skills for the operators of backhoes. Students will learn: safety, pre-operational inspections, and preventive maintenance; driving operations; brake steering; loading from and dressing stockpiles; basic trenching, excavating, backfilling, and grading; digging around utilities; hand signaling; trench safety; loading/unloading the machine from a trailer.

HEO 179

Bucket Truck

\$1,250/class plus travel reimbursement | 8 Hours
8 students max: 4 students per machine

This course is designed to provide entry level skills for the operators of bucket trucks. The students will learn the proper selection and use of fall protection equipment worn during the operation of bucket trucks during routine operations such as sign and signal maintenance. They will also learn safe and correct methods of inspection, set up, and operation of the bucket truck. Emergency rescue procedures are also covered in the final field exercise.

HEO 180

Bucket Truck/Digger Derrick

\$2,475/class plus travel reimbursement | 24 Hours
8 students max: 4 students per machine

This course is designed to provide entry level skills for the operators of bucket trucks. The students will learn the proper selection and use of fall protection equipment worn during the operation of bucket trucks during routine operations such as sign and signal maintenance. They will also learn safe and correct methods of inspection, set up, and operation of the bucket truck. Emergency rescue procedures are also covered in the final field exercise.

HEO 194

Compactor

\$1,250/class plus travel reimbursement | 8 Hours
4 students max: 2 students per machine

This course is designed to provide entry level skills for the operators of compactors. Students will learn: safety, pre-operational inspections, and preventive maintenance; driving operations; compaction, and grading techniques.

HEO 145

Dozer

\$3,300/class plus travel reimbursement | 32 Hours
4 students max: 2 students per machine

This course is designed to provide entry level skills for the operators of dozers. Students will learn safety, pre-operational inspection, and preventive maintenance to include track adjustments. They will also learn slot dozing and excavating, ditch cleanouts, building and dressing a stockpile, backfilling and grading excavations, leveling and grading a site, and loading/unloading from a trailer.

HEO 140

Excavator (Telescoping Boom/Gradall)

\$3,300/class plus travel reimbursement | 32 Hours
4 students max: 2 students per machine

This course is designed to provide entry level skills for the operators of truck mounted telescoping boom excavators. Students will learn: safety, pre-operational inspections, and preventive maintenance; driving and steering operations from both the driver and operator cab (if truck mounted); use of stabilizers and dozer blade (if so equipped); counter steering (if track mounted); hand signaling; rigging and lifting with the bucket; excavating and loading from a stockpile; excavating and cleaning out ditches; vee-ditching, backfilling, and grading. (This course can be modified to accommodate track mounted or rubber tired self-propelled excavators.)

HEO 141

Excavator (Articulating Boom)

\$3,300/class plus travel reimbursement | 32 Hours
4 students max: 2 students per machine

This course is designed to provide entry level skills for the operators of articulating boom excavators. Students will learn: safety, pre-operational inspections, and preventive maintenance; track adjustments (if track mounted); driving, steering, and counter-steering operations; hand signaling; rigging and lifting with the bucket; excavating and loading from a stockpile; loading dump trucks; excavating, backfilling, and grading; loading/unloading from a trailer.

HEO 125**Forklift**

\$195/student plus travel reimbursement | 8 Hours
10 students minimum; 15 students maximum
15 students per machine

This course is designed to meet the training requirements of the OSHA Standard for the operators of powered industrial trucks. The program consists of both classroom and hands on training. The classroom portion will cover: the design and features of forklift trucks; safety considerations; the difference between forklifts and automobiles in terms of steering and handling; stability factors; load capacities; pre-operational inspections; proper use of forks; loading, driving, stacking, and tying loads; safe handling of LPG tanks and battery charging procedures. The hands on training will cover: pre-operational inspections; forklift controls; handling loads; steering, and carrying loads in forward and reverse; negotiating ramps; loading and unloading from racks and shelves; and the use of jib attachments.

HEO 126**Rough Terrain Forklift/Reach Lift**

\$195/student plus travel reimbursement | 8 Hours
10 students max: 10 students per machine

This course is designed to meet the training requirements of the OSHA Standard for the operators of rough terrain forklifts (both straight mast and telescoping boom reach lifts). The program consists of both classroom and hands on training. The classroom portion will cover: applicable OSHA standards; the differences between hard surface and rough terrain lifts; safety considerations; steering and control systems; stability factors; load capacities; forklift controls and proper use of forks; loading, driving, picking and setting loads; correct telescoping procedures. The hands on training will cover: pre-operational inspections; forklift controls; handling loads; steering; carrying loads in forward and reverse; traversing rough terrain; loading and unloading from trailers/docks; and picking and setting loads.

HEO 142**Mini-Excavator**

\$1,650/class plus travel reimbursement | 16 Hours
8 students max: 2 students per machine

This course is designed to provide entry level skills for the operators of mini-excavators. Students will learn: safety, pre-operational inspections, and preventive maintenance; driving, steering and counter steering operations; hand signaling; rigging and lifting with the bucket; excavating, backfilling, and grading; loading/unloading from a trailer.

HEO 130**Motor Grader - Basic**

\$3,300/class plus travel reimbursement | 32 Hours
4 students max: 2 students per machine

This course is designed to provide entry level skills for the operators of motor graders. Students will learn safety, pre-operational inspection, and preventive maintenance. They will also learn forward and reverse driving technique; proper positioning of the wheels and blade for flat blading.

HEO 131**Motor Grader - Intermediate**

\$3,300/class plus travel reimbursement | 32 Hours
4 students max: 2 students per machine

The students will learn how to set up the machine for vee-ditching including setting the front wheel pitch, orienting the circle, and positioning the blade and blade pitch, and articulating the frame.

HEO 132**Motor Grader - Advanced**

\$3,300/class plus travel reimbursement | 32 Hours
4 students max: 2 students per machine

The students will learn to deploy and use the scarifiers to break up and loosen the surface material, cut a flat bottom ditch, cut a ditch back slope, and pull road shoulder to grade.

HEO 193**Roller**

\$1,250/class plus travel reimbursement | 8 Hours
6 students max: 6 students per machine

This course is designed to provide entry level skills for the operators of rollers. Students will learn: safety, pre-operational inspection, and preventive maintenance; correct and safe equipment operations such as correct use of the sprinkler system, driving operations, negotiating turns in forward and reverse; rolling a pattern, correct use of vibrators, and loading/unloading from a trailer.

HEO 166**Rotary Broom**

\$1,250/class plus travel reimbursement | 8 Hours
6 students max: 3 students per machine

This course covers the safe operation of rotary brooms. Course topics include: pre-operational inspection; broom adjustments; personal protective equipment; sweeping procedures and techniques; safe driving practices on roadways.

HEO 192

Skid Steer

\$1,250/class plus travel reimbursement | 8 Hours
8 students max: 4 students per machine

This course is designed to provide entry level skills for the operators of skid steers. Students will learn: safety, pre-operational inspection, and preventive maintenance. They will also learn the correct and safe methods to load from and dress a stockpile, excavate, backfill and grade a surface with the bucket, negotiate slopes, loaded and unloaded, and loading/unloading from a trailer.

4-hour Addition for Attachments: If desired, a 4-hour addition to the program including instruction on the safe, correct operation of the use of skid steer attachments, such as forks, brooms, mowers, flails, augers, and planers is available.

4-Hour addition cost: \$600. Total cost for 12-hour version will be \$1,850 plus travel reimbursement.

HEO 164

Sweeper

\$2,475/class plus travel reimbursement | 24 Hours
4 students max: 2 students per machine plus a crash truck or pilot vehicle

This course is designed to provide entry level skills for the operators of sweepers. Students will learn: safety, pre-operational inspection, and preventive maintenance; correct and safe equipment operations such as how to make adjustments to the brooms and drives, orient the sweeper and its attachments, sweep a roadway, and dump the collector.

HEO 161

Track Loader

\$1,650/class plus travel reimbursement | 16 Hours
4 students max: 2 students per machine

This course is designed to provide entry level skills for the operators of track loaders. Students will learn: safety, pre-operational inspection, and preventive maintenance; track inspection and adjustment; driving and steering operations; hand signaling; loading from and dressing a stockpile; excavating, backfilling, and grading; loading/unloading from a trailer.

HEO 160

Wheel Loader

\$1,650/class plus travel reimbursement | 16 Hours
4 students max: 2 students per machine

This course is designed to provide entry level skills for the operators of wheel loaders. Students will learn: safety, pre-operational inspections, and preventive maintenance; driving operations; loading from, building, and dressing stockpiles; excavating, backfilling, and grading.

RELATED COURSES

HEO 172

Equipment Loading and Tie Down

\$195/student plus travel reimbursement | 8 Hours
15 students maximum; 10 students minimum

This course is designed to provide personnel involved in the loading, securing, and transportation of equipment on trailers and roll back trucks with the information they need to safely perform those tasks. The program combines a classroom segment with a field exercise. The classroom training covers: DOT regulations, load distribution, chains and tie down hardware, tie down calculations, safe loading and transporting procedures. In the field segment the students will inspect a trailer and haul vehicle, as well as load and tie down a piece of construction equipment using the appropriate hardware, chains, and tie down points.



HEO 182

Crane Basics

\$195/student plus travel reimbursement | 8 Hours
30 students maximum; 10 students minimum

This is a classroom only course in which students will learn: safety, OSHA regulations, pre-operational inspections and preventive maintenance. They will also learn correct and safe equipment operations such as hand signaling, load charts, crane set up procedures, rigging basics, and safe hoisting practices.

HEO 183

Crane

\$3,300/class plus travel reimbursement | 32 Hours
6 students max: 3 students per machine

This course is designed to provide entry level skills for the operators of hydraulic cranes. Students will learn: safety, OSHA regulations, pre-operational inspections, and preventive maintenance; driving and steering operations (if self-propelled); hand signaling; load charts; rigging; crane set up procedures; and hoisting practices. Students will demonstrate their ability to safely hoist and maneuver loads.

HEO 184

Crane Operator Qualification

\$250/student plus travel reimbursement | 16 Hours
8 students max: 8 students per machine

This course combines the Crane Basics class with a field testing exercise to verify the skills of crane operators. It is especially beneficial to experienced operators who may not have had formal classroom instruction or ever had to pass an operational examination. After completing the course, students will be required to set up a crane; demonstrate the ability to respond to hand signals; and hoist and maneuver a load through a course to demonstrate their ability to control a load.

RELATED COURSES

HEO 200

Rigging Basics

\$195/student plus travel reimbursement | 8 Hours
30 students maximum; 10 students minimum

This is a classroom only course in which students will learn: safety, OSHA regulations, pre-operational inspections, and preventive maintenance. They will also learn correct and safe equipment operations such as hand signaling, load charts, rigging equipment, rigging inspections, rigging capacities, sling load angle calculations, understanding rigging charts, and performing rigging calculations.

HEO 201

Qualified Rigger/Signal Person

\$195/student plus travel reimbursement | 12 Hours
20 students maximum; 10 students minimum; field setup with one crane and operator needed on second day

This course combines the Rigging Basics class with a field exercise in which students are required to demonstrate their knowledge of hand signaling by directing a crane operator to hoist and maneuver a load.

HEO 202

Understanding Load Charts

\$195/student plus travel reimbursement | 8 Hours
20 students maximum; 15 students minimum

This classroom only course teaches students to read and interpret a variety of crane load charts.



CANCELLATIONS

UT Arlington reserves the right to change or cancel any class. In the event that a class must be changed or cancelled, you will be notified by email and/or phone. You are required to provide a valid email address and phone number to ensure notification. The decision to cancel a class due to insufficient enrollment will be made approximately 1-2 business days prior to the class start date.

If a course is cancelled by UT Arlington, students have the option to transfer to another course, have their funds held in escrow, or receive a refund. No fees will be charged for these transactions if UT Arlington cancels a class.

STUDENT WITHDRAWAL & TRANSFER POLICY

If a student withdraws from a class more than 2 full business days before the class, they may transfer to another class at no charge; hold fees in escrow up to one year at no charge; or refund their course fee less a \$35 processing charge for fees less than \$1,000, or 5% of fees over \$1,000.

If a student withdraws from a class at any time from 2 days prior to the class start date or after a class begins, the fees are non-refundable. They may transfer to another class at no charge or hold the fees in escrow at no charge.

All student withdrawal requests must be received via telephone, Monday-Friday during normal business hours.

DISCOUNTS

- Students over the age of 55 and UT Arlington Alumni may receive a 10% discount.
- 5 for 5%: Pay for 5 registrations at one time and receive 5% off of the total open enrollment price.
- Individuals needing to attend the Update for Outreach Trainer courses can take the full-length Outreach Trainer course for the price of the Update course if one is not offered in their area.

Note: Discount do not apply to all courses listed in this publication. Discounts cannot be applied retroactively to classes already taken or in progress. Call us at 866.906.9190 for more information.

TEXTBOOKS

All course materials will be provided by UT Arlington unless otherwise indicated. Additional Codes of Federal Regulations (CFRs) may be purchased in small quantities at the following prices by contacting our office: 29 CFR 1910 - \$25; 29 CFR 1926 - \$20

ACCOMMODATIONS

The Division for Enterprise Development is dedicated to providing equal educational opportunities to all qualified course participants. Contact cedquestions@uta.edu or call 866-906-9190 for information regarding special accommodations.

TITLE IX POLICY

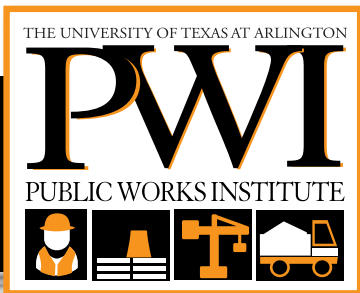
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