



PUBLIC WORKS TRAINING INSTITUTE

— — — — — *Your Road to Success* — — — — —

TM

2025 COURSE CATALOG



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STRATEGIC PLANNING STATEMENTS

PWTI Mission Statement

To build a more qualified workforce by providing training and support to current and potential public works employees.

PWTI Vision Statement

To be the leader in innovative education in the field of public works statewide that transforms current and potential public works employees lives while providing a qualified workforce ready to support the needs of the public, non-profit and private sectors.



PWTI Foundation Statement

The Public Works Training Institute commits to the success of current and potential public works employees and community enrichment by providing quality, accessible, equitable, and innovative education. Our programs support training and education to diverse learners throughout the State of Florida.

The Public Works Training Institute provides its programs and services in the pursuit of building a strong labor force ready to fill positions in the field of public works including the public, non-profit and private sectors.

PWTI Values

These are the characteristics and guiding principles we believe are important in how we do our work:

Access & Opportunity

We develop programs and provide services that are open to all who are seeking personal and professional growth.

Innovation

We strive to be innovators in program development, service delivery, and the use of technology.

Excellence

We endeavor to deliver quality and excellence in all we do.

Integrity

We act ethically and honestly towards our students, colleagues, and community.

Customer/Client Service

We recognize the importance of satisfying our clients and strive to offer outstanding services to all our customers and clients.

Collaboration

We work with our partners and others in a spirit of cooperation and respect.

Diversity

We respect, recognize, and appreciate our similarities and differences.

WORKFORCE CLASSES

Commercial Driver License (CDL) Training

25 Hours

This 25-hour course prepares participants to earn a Class A or B Commercial Driver License (CDL), equipping them with the knowledge and hands-on skills required to operate commercial vehicles safely and in compliance with state and federal regulations. The course includes classroom instruction on traffic laws, safety practices, and vehicle inspection protocols, as well as practical training in vehicle operation, backing maneuvers, turning, and road driving. Students will be coached on the testing process and practice using equipment similar to what they'll be tested on. This course is ideal for individuals seeking entry into public works, transportation, and logistics roles.

Load Securement for Heavy Equipment

4 Hours

This course teaches the essential principles and practices of safely securing heavy equipment for transport, focusing on Federal Motor Carrier Safety Administration (FMCSA) and Department of Transportation (DOT) guidelines. Participants learn about equipment types, weight distribution, tie-down techniques, and securement device inspection. The course addresses common risks, such as shifting loads and tipping hazards, and demonstrates how to mitigate them through proper planning and execution. This training is especially relevant for operators, drivers, and field crews responsible for moving equipment between job sites.

Customized classes for your company are available, contact today!

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Confined Space Entry – Awareness

4 Hours

This 4-hour course equips participants with the knowledge and qualifications necessary to safely enter and work in confined spaces, in accordance with OSHA standard 29 CFR 1910.146. The course covers the identification of confined spaces and permit-required confined spaces, atmospheric testing, ventilation procedures, communication protocols, use of personal protective equipment (PPE), and emergency response planning. Emphasis is placed on recognizing and mitigating hazards such as toxic gases, oxygen deficiency, engulfment, and entrapment. Upon successful completion, participants will be certified to enter confined spaces and contribute to safer operations in industrial, municipal, and construction environments.

Forklift Certification

4 Hours

This OSHA-compliant course provides comprehensive training on the safe operation of forklifts in industrial and construction settings. It includes classroom instruction on forklift components, operating procedures, load handling, stability, and hazard recognition. A practical hands-on evaluation ensures participants can apply what they've learned. Upon successful completion, students receive certification in accordance with OSHA 29 CFR 1910.178. This course is suitable for both new operators and experienced workers in need of recertification.

CONTINUING EDUCATION

Ready to take your career to the next level?

Ready to take your career to the next level? At PWTI, we offer hands-on training and nationally recognized certifications to equip today's workforce for tomorrow's infrastructure demands.

From CDL and Forklift Certification to Drone Operation, Backflow Testing, and Traffic Safety, our expert-led courses are designed with your success in mind.

- ✓ On-site and in-person training options
- ✓ Industry-aligned curriculum
- ✓ Flexible scheduling
- ✓ Fast, responsive support



ON-SITE OR ONLINE LIVE WEBCASTS



Continuing Education

EXCEPTIONAL VALUE | QUALITY INSTRUCTION
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Chainsaw Safety and Operation

4 Hours

This course teaches safe chainsaw operation techniques for cutting, trimming, and clearing in public works, forestry, or landscaping settings. Topics include PPE usage, starting and handling procedures, kickback prevention, maintenance, and emergency response. Hands-on demonstrations and practical exercises ensure participants can safely and confidently use chainsaws in the field.

Excavation and Trench Safety

4 Hours

Participants in this course learn the core safety practices required to work safely in and around excavations and trenches. Emphasis is placed on OSHA's trenching and excavation standards, soil classification, protective systems (such as sloping, shoring, and shielding), hazard recognition, and emergency planning. This course helps prevent common causes of injury and fatalities, such as cave-ins, falls, and hazardous atmospheres, by instilling best practices among public works and utility crews.

NASSCO Manhole Assessment Certification, Lateral Assessment, and Pipeline

3 Days

This three-day training course offers certification in the Pipeline Assessment Certification Program (PACP), Lateral Assessment Certification Program (LACP), and Manhole Assessment Certification Program (MACP), all administered by the National Association of Sewer Service Companies (NASSCO). These programs establish industry-wide standards for documenting and assessing the condition of underground infrastructure using closed-circuit television (CCTV) and other technologies. Participants will learn how to apply standardized codes for identifying defects in pipes, laterals, and manholes, ensuring accurate, consistent condition assessment for maintenance and rehabilitation planning.

Irrigation and Sprinkler Basics

16 Hours

This course introduces students to irrigation system design, installation, and maintenance. Topics include sprinkler head types, zoning, backflow prevention, timers and controllers, troubleshooting common issues, and water efficiency practices. The course is ideal for beginners entering the landscaping, grounds maintenance, or public works fields, and it emphasizes environmentally responsible irrigation practices.

Surveying Basics

24 Hours

This foundational course teaches the principles and practices of land surveying, including measurement techniques, the use of surveying instruments, map reading, and data interpretation. Students will practice using levels, theodolites, and total stations, and learn how to perform elevation checks, establish grades, and read boundary descriptions. The course is suited for beginners or those working in support roles on civil and construction projects.

Arborist Certification Preparation

36 Hours

This intensive course prepares students to take the International Society of Arboriculture (ISA) Certified Arborist exam. Topics include tree biology, pruning techniques, tree risk assessment, pest and disease management, soils and water, cabling and bracing, and safe work practices. Participants receive study materials, review test questions, and engage in practical demonstrations. The course is suitable for professionals seeking to advance their careers in urban forestry or tree care services.



Blueprint Reading and Interpretation

8 Hours

Designed for professionals in construction and public works, this course teaches participants how to read and interpret architectural and engineering blueprints. Topics include understanding views (plan, elevation, section), recognizing symbols, deciphering dimensions and scales, and interpreting material specifications. This course builds the foundational skills needed to communicate effectively on job sites and execute projects according to design documents.

ADA Compliance

4 Hours

This course provides an overview of the Americans with Disabilities Act (ADA) and its implications for public infrastructure. Participants learn about legal obligations, accessible design standards, and updates to regulations affecting sidewalks, crosswalks, curb ramps, and facilities. The course supports compliance with federal law and helps public agencies create environments that are inclusive and accessible to all individuals.

Drone Training

30 Hours

Designed for individuals interested in using unmanned aircraft systems (UAS) for commercial or public works applications, this 30-hour course prepares students to obtain the FAA Part 107 Remote Pilot Certificate. The course covers FAA regulations, airspace classifications, meteorology, emergency procedures, crew resource management, and drone performance. Hands-on flight training with real-world scenarios helps students gain confidence and operational skill in drone piloting. The course also explores drone use in infrastructure inspection, surveying, environmental monitoring, and construction site documentation.

Defensive Driving

4 Hours

Based on nationally recognized coaching systems, this defensive driving course teaches participants how to reduce risk behind the wheel through increased situational awareness, proactive decision-making, and safe driving behaviors. Students learn how to avoid collisions, respond to hazards, and navigate challenging driving conditions. This training is appropriate for all employees who operate vehicles as part of their job and helps reduce liability and improve fleet safety.

Coaching the Van Driver

4 Hours

Specifically designed for individuals who operate passenger or cargo vans, this course addresses the unique handling characteristics and blind spots associated with vans. Through interactive coaching and scenario-based learning, participants gain insight into defensive driving principles, pre-trip inspections, proper loading and unloading, and passenger safety. This course helps prevent collisions and promotes responsible van operation in public and commercial contexts.

CTQP Asphalt Paving – Level 1 Certification Preparation

8 Hours

In partnership with A&SW, this one-day (8-hour) course is designed to prepare participants for the Construction Training and Qualification Program (CTQP) Asphalt Paving Level 1 certification. The training provides foundational knowledge and practical guidance on asphalt paving operations as required by the Florida Department of Transportation (FDOT). Topics include asphalt materials and mix types, temperature management, proper equipment usage, laydown

Pave the Way to Certification!

Get hands-on with Florida's asphalt paving standards in our 1-day CTQP Asphalt Paving Level 1 prep course.

Perfect for crews, inspectors, and public works professionals looking to boost their skills and meet FDOT requirements.



Our Commitment to Responsive and Flexible Training

The ongoing success of the Public Works Training Institute (PWTI) is built on a foundation of accessibility, adaptability, and collaboration. We recognize that public agencies and utility professionals operate in environments where priorities shift quickly, and time is often limited. That's why our training model is designed to meet you where you are—literally and figuratively.

With flexible on-site training options, we bring our certified instructors and practical, job-specific instruction directly to your facility or field location, minimizing downtime and maximizing participation. Our team is known for its ability to respond quickly to requests, accommodate last-minute changes, and work hand-in-hand with agencies to ensure training aligns with operational goals and compliance requirements.

At PWTI, we don't just deliver courses—we build lasting relationships. Our goal is to become a trusted partner in workforce development, providing timely, relevant, and high-quality instruction that keeps your team safe, certified, and prepared to meet the demands of today's public works landscape.



TRAFFIC CLASSES

Maintenance of Traffic (MOT) Intermediate

16 Hours

Required by the Florida Department of Transportation (FDOT), this 16-hour course provides training for personnel responsible for setting up and maintaining temporary traffic control zones. Participants learn how to design, implement, and monitor traffic control plans that meet FDOT and MUTCD standards. Topics include lane closures, detours, flagging operations, pedestrian safety, and work zone signage. Certification is valid for four years and is essential for supervisors and crew leaders in road construction or utility work zones.

[ALSO AVAILABLE ONLINE](#)

Maintenance of Traffic Advanced (A-MOT)

20 Hours

This advanced-level course is intended for engineers, supervisors, and designers responsible for preparing and reviewing work zone traffic control plans. Participants explore complex scenarios including multilane closures, signal coordination, and nighttime work zone safety. The course builds on the Intermediate MOT curriculum and provides detailed instruction on FDOT standards, legal responsibilities, and plan documentation. Successful completion qualifies individuals to develop and submit MOT plans for FDOT approval.

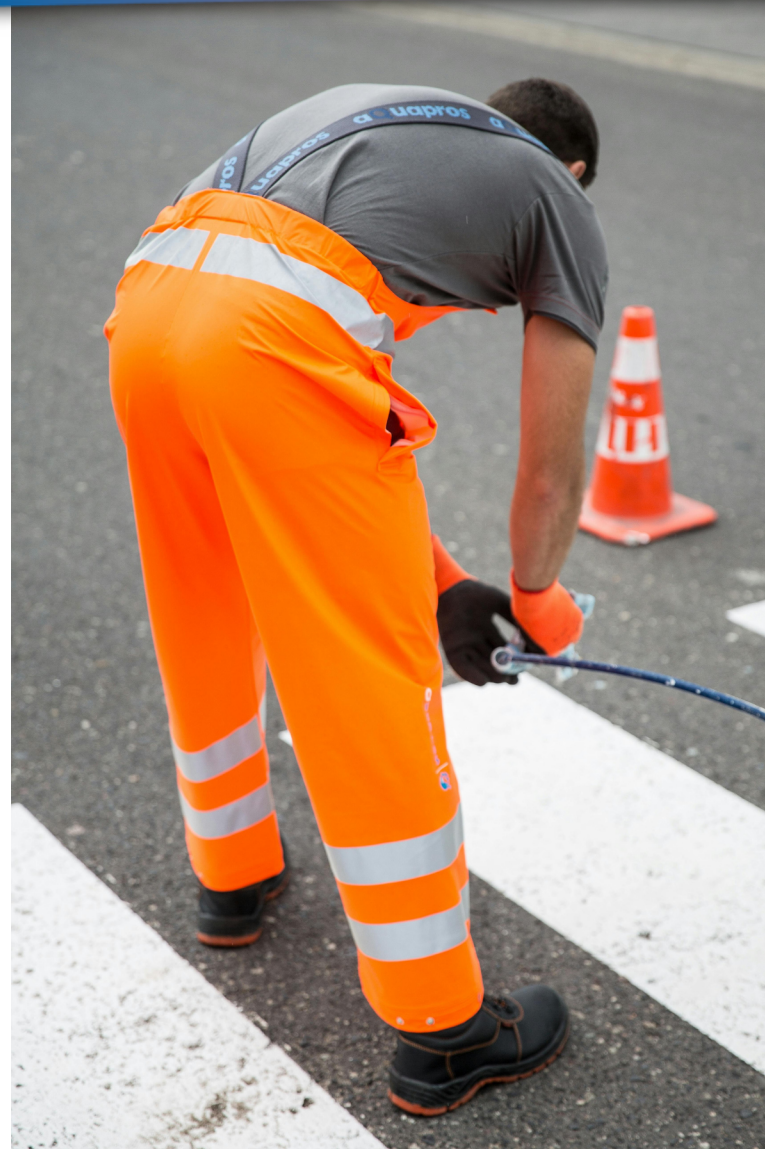
[ALSO AVAILABLE ONLINE](#)

IMSA Traffic – Signs & Marking 1 and 2; Signals 1, 2, and 3

2 Days

This nationally recognized certification series from the International Municipal Signal Association (IMSA) covers the design, installation, and maintenance of traffic control devices. Students can pursue certifications in Signs & Markings (levels 1 and 2) and Traffic Signals (levels 1, 2, and 3), depending on experience and job function. Coursework includes MUTCD compliance, electrical systems, troubleshooting, system design, and advanced signal operations. These credentials are highly regarded for professionals working in traffic management and public works departments.

[ALSO AVAILABLE ONLINE](#)



Stay Safe. Stay Certified.

Ensure your team is ready to work in and around traffic with our FDOT-approved Maintenance of Traffic (MOT) course. Learn how to plan, set up, and manage safe work zones that meet Florida standards.

Train today—protect lives tomorrow.



Prepare for a career in Public Works

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