

TxLTAP

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Extension and Extended Campus

- TxLTAP -

► **NEW ROAD SAFETY CHAMPION PROGRAM**

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The training courses, technical assistance, and resources shown in this catalog are available at **NO COST** to local government personnel who perform work on roadways in Texas.



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SCAN ME



ROAD SAFETY CHAMPION PROGRAM

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The Road Safety Champion Program (RSCP) is a nationally recognized certificate program designed to develop a knowledgeable, safety-focused workforce responsible for operating, maintaining, and designing local roads. The RSCP prioritizes safety and aims to implement improvements that reduce fatalities and serious injuries. The program consists of seven core modules and two career-focused pathways. All participants must complete the core modules to establish a strong foundation in roadway safety. Upon finishing the seven core modules and one pathway, individuals will earn the Road Safety Champion Program Certificate from the National Center for Rural Road Safety, along with a digital badge from TxLTAP.

Core Module + One Pathway = RSCP Certificate

CORE MODULES

- ✓ Introduction to Road Safety
- ✓ Understanding Human Factors
- ✓ Introduction to Traffic Safety Culture
- ✓ Overview of the MUTCD
- ✓ Intersection of Transportation with Public Health and Law Enforcement
- ✓ Reading the Roadway
- ✓ Safety Analysis Process

MAINTENANCE & CONSTRUCTION PATHWAY

Maintaining a Safer Roadway
Work Zones
Worker Safety
Traffic Incident Management
Take Action Now - Maintaining Safety
Work Zone Construction
Site Safety (OSHA 10)
Flagger Certification

PLANNING & ENGINEERING PATHWAY

Countermeasures for Road Safety
Work Zones
Overview of Local Road Safety
Overview of Data and Tools for Safety
Crash Reporting
Systemic Safety Project Selection Tool

Earn a Road Safety Champion Certificate through TxLTAP!



WHAT IS TxLTAP?

LEARN MORE

Contact us today: 866.906.9190 or txltap@uta.edu

The Local Technical Assistance Program (LTAP) is a nationwide effort financed by the Federal Highway Administration and individual state departments of transportation. Its purpose is to assist large to small cities/counties by translating into understandable terms the best available technology for roadways, bridges, bicycle and pedestrian facilities, and public transportation for city and county roadway and transportation personnel. TxLTAP, operated by The University of Texas at Arlington's Extension and Extended Campus, is sponsored by the Texas Department of Transportation (TxDOT) and the Federal Highway Administration.



INFRASTRUCTURE

Need more information?
Contact us today | 866.906.9190

LTP 515

Installation & Maintenance of Signs & Pavement Markings

16 Hours | Maximum 25 Participants

This course is designed to help participants understand accepted practices in the application, installation, maintenance, and operation of signs and pavement markings typically used on public roadways.

LTP 611

Storm Drainage Pipe & Precast Box Culvert Installation Best Practices

8 Hours | Maximum 20 Participants

This course is designed to provide road and bridge crews with best practices for properly installing storm drainage pipe/culverts. It also focuses on innovative small bridge replacement utilizing precast box culverts, employing key elements of FHWA's Every Day Counts (EDC) Initiative. The course is delivered in a classroom setting.

Optional hands on training is available and will be the installation of a culvert in the field



UTL 101

Subsurface Utility Locating & Marking Workshop

8 Hours | Maximum 20 Participants

This training addresses underground utility line locating and marking state laws and standards. The course provides a balanced mixture of classroom training and 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

16 Hours | Maximum 20 Participants

Participants 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 participants who have at least 3 years of experience in utility line locating.

Showcase Your INNOVATION IN LOCAL TRANSPORTATION

Build a Better Mousetrap (BABM) is a national recognition program through the Federal Highway Administration (FHWA). It highlights locally relevant innovative solutions and provides a platform to share innovations to everyday challenges to local and tribal transportation professionals encounter on local roads. **Email: TxLTAP@uta.edu**

LTP 100

Work Zone Safety: Temporary Traffic Control

4 Hours | Maximum 25 Participants

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.

NEW



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LTP 300

➡ 4-year Qualified Flagger Card

Flagger Training

4 Hours | Maximum 25 Participants

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. Upon successful course completion, participants will be issued a Qualified Flagger card valid for 4 years.

Available in Spanish

Upon successful course completion, participants will earn a digital badge with Credly.

LTP 401

➡ 10-hour OSHA Card

Work Zone Construction Site Safety

12 Hours | Maximum 20 Participants

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 participants 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 the 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 will be issued upon successful completion of this training. This course has been approved for 7.5 continuing education credit hours by the County Judges & Commissioners Association of Texas. This course is also recognized for 1.2 CEU's from TCEQ Water and Wastewater Operators.

Available as a webcast

Upon successful course completion, participants will earn a digital badge with Credly.

LTP 421

Traffic Control Supervisor

16 Hours | Maximum 20 Participants

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. This certification is valid for 4 years.

Upon successful course completion, participants will earn a digital badge with Credly.

LTP 422

➡ Prerequisite Required

Traffic Control Supervisor Refresher

8 Hours | Maximum 20 Participants

Prerequisite: Refresher class for those who have taken the full 16-hour Traffic Control Supervisor course. Prerequisite documents from the previous 4 years required. Upon successful course completion, participants will be issued a card valid for 4 years.

LTP 520

➡ 4-year Qualified Flagger Card

Work Zone Traffic Control & Qualified Flagger

16 Hours | Maximum 25 Participants

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. Participants 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 4 years. This course is also recognized for 16 hours of training credit for TCEQ Water and Wastewater Operators.

Upon successful course completion, participants will earn a digital badge with Credly.

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TRAINING**



Elevate your team's expertise with regional training. This training allows smaller municipalities the opportunity to take advantage of TxLTAP's grant-funded program. It is designed to provide employees in a particular region the required knowledge, skills, and resources to succeed.

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TxDOT PROVIDES GRANT PROGRAMS to support the mission of the Texas Traffic Safety Program: 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 training opportunities at **NO COST** to Texas cities, counties, and other government or municipal organizations.

CONTACT US to determine eligibility and request **FREE** training at 866-906-9190 or txltap@uta.edu

LTP 521 4-year Qualified Flagger Card

TMUTCD Update and Work Zone Refresher

8 Hours | Maximum 25 Participants

Prerequisite Required: successful completion of the LTP 520 in the previous 4 years or valid flagger card. This course provides a basic update of the TMUTCD and serves as a refresher for participants who have previously taken the LTP 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 participants to sharpen skills by designing temporary traffic control plans to meet hypothetical situations. Upon successful course completion, participants will be issued a Qualified Flagger card valid for 4 years.

LTP 522 4-year Qualified Flagger Card

Qualified Flagger Training & Trainer

8 Hours | Maximum 25 Participants

This course is designed to prepare 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, participants will be qualified to train flaggers for a period of 4 years.

Upon successful course completion, participants will earn a digital badge with Credly.

LTP 530 4-year Qualified Flagger Card

Work Zone Traffic Control & Qualified Flagger (Spanish)

16 Hours | Maximum 25 Participants

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. Participants 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 4 years. This course is also recognized for 16 hours of training credit for TCEQ Water and Wastewater Operators.

Upon successful course completion, participants will earn a digital badge with Credly.

LTP 700

Traffic Management for First Responders

6 Hours | Maximum 30 Participants

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.

LTP 203

Electrical Safety

8 Hours | Maximum 25 Participants

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.

LTP 204

Fall Safety

8 Hours | Maximum 20 Participants

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.

[Available as a webcast](#)

LTPLN 201

Tree Trimming Safety Awareness

8 Hours | Maximum 20 Participants

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. Participants engage in hands-on exercises to accurately identify equipment components, carry out pre-operational inspections, and perform routine maintenance.

LTPC 202

Confined Space

8 Hours | Maximum 20 Participants

This course is designed to meet OSHA's training requirements for confined space entry. It aims to equip participants exposed to confined space hazards with the knowledge to identify and mitigate those risks. The course covers an overview of confined spaces, common hazards, hazard recognition, space classification, the permit system, atmospheric testing, ventilation systems, rescue considerations, applicable regulations, and the elements of an OSHA-compliant confined space program.

[Available as a webcast](#)

This course is also recognized for 7.5 hours of training credit for TCEQ Water and Wastewater Operators.

LTPEX 201

Excavation Safety

8 Hours | Maximum 20 Participants

This course is designed to satisfy the Competent Person training requirement under OSHA's Excavation Standard. It aims to equip individuals working in or around excavations, or those exposed to excavation hazards, with the knowledge to identify and reduce these risks. The course covers an overview of excavations and trenches, common excavation hazards, hazard recognition, soil types and classifications, protective systems such as benching, sloping, shoring, and shielding, access and egress, relevant regulatory requirements, and the key elements of an OSHA-compliant excavation safety program.

[Available as a webcast](#)

This course is also recognized for 7.5 hours of training credit for TCEQ Water and Wastewater Operators.

[Learn More](#)



TECHNICAL ASSISTANCE PROGRAM

HAVE A ROADWAY PROBLEM YOU JUST CAN'T SOLVE?

TxLTAP offers "one-on-one" consultation for specific issues you face with your roadways. If you call us about an issue, we will put you in touch with one of our technical specialists. We can provide a phone, video chat consultation or visit you on-site.

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WORKFORCE DEVELOPMENT

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Unlock Your Leadership Potential: Success Starts with Us!



LTP 400

Managing Conflict in the Workplace

8 Hours | Maximum 25 Participants

Whenever two or more people come together, there is bound to be conflict. This course will give participants a seven-step conflict resolution process that they can use and modify to resolve conflict disputes of any size. Participants will also be provided a set of skills in solution building and finding common ground.

Upon successful course completion, participants will earn a digital badge with Credly.

LTP 404

Basic Supervision & Management Skills

16 Hours | Maximum 25 Participants

This course is an introduction for new or aspiring supervisors, providing essential "survival skills" for becoming an effective and highly functional leader. It offers practical tools and proven techniques that are beneficial for both new supervisors and as a refresher for experienced ones. Course topics include a four-part interactive exercise on supervision skills, transitioning from employee to supervisor, the similarities and differences between managing and supervising, the six basic steps of supervisory skills, and the ten fundamental skills for effective leadership. Additionally, participants will learn how to develop themselves and their employees, identify and improve strengths and weaknesses, coach employees, handle terminations, conduct effective evaluations, manage workplace violence, navigate relevant workplace regulations, and avoid legal pitfalls as an employer.

Upon successful course completion, participants will earn a digital badge with Credly.

LTP 405

Developing Employee Performance Plans & Conducting Employee Performance Evaluations

8 Hours | Maximum 25 Participants

This course is designed for city and county commissioners, supervising engineers, directors, supervisors, managers, superintendents, crew leaders, and other personnel evaluating employee performance. This course will cover the benefits of having performance plans, how to write plans, how to engage employees during their performance cycle, and how to prepare for and conduct the final performance evaluation. Numerous resource documents will be provided with the course, including a Plan/Evaluation Form, recommended Job Duty Phrases, Core and Managerial Core Competencies Guide, and Effective Performance Phrases. The class will conduct a three-part exercise on writing a plan, monitoring performance, and writing and scoring a Performance Evaluation.

Upon successful course completion, participants will earn a digital badge with Credly.

LTP 406

Advanced Management Skills

24 Hours | Maximum 25 Participants

This course is not your typical management class. It's a unique opportunity to advance and enhance your skills as a manager or supervisor. The course content is designed to take you to the next level of competency in effectively managing your public works workforce. It's tailored for city and county commissioners, supervising engineers, directors, supervisors, managers, superintendents, crew leaders, and other personnel with at least six months of supervisory experience.

Upon successful course completion, participants will earn a digital badge with Credly.

LTP 500

County Roads for Commissioners 101

16 Hours | Maximum 20 Participants

This course is an introduction for newly elected commissioners and/or precinct foremen/supervisors on all aspects of maintaining roads in their jurisdiction to meet state regulations within their allocated budgets. Topics covered include: understanding and following the Texas Manual on Uniform Traffic Control Devices as it pertains to county and municipal roads; the different types of roadway maintenance; how to plan and prioritize work tasks; proper maintenance of equipment assets to prolong life of the asset, decrease down time and increase uptime productivity; how partnering can increase productivity; Right of Way (ROW) issues in the county; how to plan for impacts on county roads caused by sub-divisions; how to maintain gravel or dirt roads in counties, and more.

LTP 801 Prerequisite Required

Entry Level Driver's Training, Behind-the-Wheel, Train-the-Trainer

8 Hours | Maximum 30 Participants

This course is designed for Texas cities and counties interested in offering behind-the-wheel entry-level training to their staff. Successful completion of this course will equip participants with the necessary curriculum and tools to deliver behind-the-wheel driver's training to their employees.

Prerequisite: Attendees must possess a VALID Commercial Driver's License (CDL) for at least two years prior to the course start date.

LTP 802

Entry Level Driver's Training, Theory Assessment, Knowledge

8 Hours | Maximum 30 Participants

This course is designed for Texas city and county personnel looking to obtain a Commercial Driver's License (CDL). The course covers all the knowledge based/theoretical aspects required by the Federal Motor Carrier Safety Administration (FMCSA), with thorough testing and assessment. Participants must achieve a minimum score of 80% in this course to electronically confirm their completion of training, enabling them to proceed to the written state exam.

Upon successful course completion, participants will earn a digital badge with Credly.

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 your site using your equipment. **For Heavy Equipment classes requiring any level of excavation, a utility locate, 811 ticket, is required prior to the class.**

LTP 110

Equipment Preventive Maintenance

8 Hours | Maximum 15 Participants

This course is designed for persons not familiar with, or who wish to increase their knowledge of routine preventive maintenance of fleet and heavy equipment. Practical hands on inspections on three pieces of equipment will take place as a part of the class using standardized TxLTAP PM Inspection checklists. The class also covers how to identify PM Issues and take corrective actions; how to use a consistent inspection process; why pre and post operation inspections are critical; how to access and utilize OEM checklists and manuals. This class is very interactive with many hands on exercises in the equipment yard. TxLTAP checklists covering all types of trucks and equipment are provided as a part of the course.

LTP 111

Equipment Preventive Maintenance

16 Hours | Maximum 15 Participants

The first 8 hours of this course are identical to the LTP110 eight-hour version, and also include the additional objectives: a total of six pieces of equipment will be inspected over two days in the equipment yard; coverage of pre and post inspections and PM needed for weather/fire/flooding events; what is a Fleet Telematics system and identify features that would help execute a strong PM program; cover what is Fleet Management Information System (FMIS) and key components of such a system; describe best practices to internally develop and use a FMIS in absence of a hosted system. Approximately half of this class is spent in the yard performing inspections.

LTP 120

Asphalt Distributor

32 Hours | Maximum 6 Participants: 6 Participants per machine

This course is designed to equip participants with entry-level skills for operating asphalt distributor trucks. Participants will learn about safety protocols, pre-operational inspections, and preventive maintenance, along with the operation of safety systems. The course also covers propane tank and burner specifics, air system maintenance, spray bar and nozzle upkeep, and proper procedures for filling and draining tanks. Additionally, the training includes asphalt and emulsion specifications, as well as how to calculate application rates and apply materials correctly.

LTP 123

Asphalt Operations Training

32 Hours | Maximum 8 Participants : 8 Participants per machine

An intensive four-day course devoted to the crew training for asphalt operations. Participants will learn the duties and responsibilities of the Asphalt Paver Operator, Roller Operator, Screed Operator, Raker, and Truck Guide. Participants will learn the proper steps and techniques used by highly successful paving crews. By the end of the course, they must demonstrate proper techniques for pre-trip inspections, preventive maintenance, safety procedures, load and tie down, project layout, and production material ordering. The course also covers asphalt types, repair, tackcoat, surface analysis, and team and individual assessments.



LTP 125

Forklift

8 Hours | Maximum 10 Participants : 10 Participants 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 tiering 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.

LTP 126

Rough Terrain Forklift/Reach Lift

8 Hours | Maximum 10 Participants: 10 Participants 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.

LTP 127

Aerial/Scissor Lift

8 Hours | Maximum 10 Participants: 10 Participants per machine

This course is designed to provide entry level skills for the operators of aerial/scissor lifts. The participants 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.

LTP 130

Motor Grader - Beginner

32 Hours | Maximum 4 Participants: 2 Participants per machine

This course is designed to provide entry level skills for the operators of motor graders. Participants 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.

LTP 131

Motor Grader - Intermediate

32 Hours | Maximum 4 Participants: 2 Participants per machine

The participants 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.

LTP 132

Motor Grader - Advanced

32 Hours | Maximum 4 Participants: 2 Participants per machine

The participants 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.

LTP 140

Excavator (Telescoping Boom/Gradall)

32 Hours | Maximum 4 Participants: 2 Participants per machine

This course is designed to provide entry level skills for the operators of truck mounted telescoping boom excavators. Participants 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.)

LTP 141

Excavator (Articulating Boom)

32 Hours | Maximum 4 Participants: 2 Participants per machine

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

LTP 142

Mini-Excavator

16 Hours | Maximum 8 Participants: 2 Participants per machine

This course is designed to provide entry level skills for the operators of mini-excavators. Participants 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.



LTP 145

Dozer

32 Hours | Maximum 4 Participants: 2 Participants per machine

This course is designed to provide entry-level skills for dozer operators. Participants will learn safety protocols, pre-operational inspections, and preventive maintenance, including track adjustments. They will also gain skills in slot dozing, excavating, ditch clean-outs, building and finishing stockpiles, backfilling, and grading excavations, leveling, and grading sites, and loading/unloading equipment.

LTP 155

Backhoe/Front End Loader

32 Hours | Maximum 8 Participants: 2 Participants per machine

This course is designed to equip participants with entry-level skills for operating backhoes. Participants will learn about safety protocols, pre-operational inspections, and preventive maintenance. The training covers driving operations, brake steering, loading from and finishing stockpiles, as well as basic trenching, excavating, backfilling, and grading techniques. Additionally, participants will learn how to dig around utilities, use hand signals, practice trench safety, and load/unload the machine from a trailer.

LTP 160

Wheel Loader

16 Hours | Maximum 4 Participants: 2 Participants per machine

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

LTP 161

Track Loader

24 Hours | Maximum 4 Participants: 2 Participants per machine

This course is designed to provide entry level skills for the operators of track loaders. Participants 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.

LTP 164

Sweeper

24 Hours | Maximum 4 Participants: 2 Participants per machine; plus a crash truck or pilot vehicle

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

LTP 166

Rotary Broom

8 Hours | Maximum 6 Participants: 3 Participants 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 exercise.

LTP 170

Vehicle Backing Safety

8 Hours | Maximum 15 Participants

This course is designed to provide best practices in the classroom and in the field to prevent the most common accidents that occur in most fleet operations. Estimates of backing accidents range from 70% to 80% of all truck fleet accidents and can be avoided.

LTP 172

Equipment Loading & Tie Down

8 Hours | Maximum 15 Participants

This course aims to equip personnel involved in loading, securing, and transporting equipment on trailers and rollback trucks with the necessary knowledge to perform these tasks safely. The program includes both classroom instruction and a field exercise. The classroom training covers DOT regulations, load distribution, chains and tie-down hardware, tie-down calculations, and safe loading and transportation procedures. In the field segment, participants will inspect a trailer and hauling vehicle, as well as load and secure a piece of construction equipment using the appropriate hardware, chains, and tie-down points.

LTP 175

Asphalt Profiler

32 Hours | Maximum 6 Participants: 6 Participants per machine

This course is used to provide proper procedures to safely operate and maintain a profiler. Individuals will perform preventive maintenance and pre-trip inspection; discuss all safety aspects; demonstrate the proper operational procedures; make and maintain straight scar lines; demonstrate and maintain profile depths; decide range of speed; demonstrate and maintain proper grade and slope control sensor setting and operation; demonstrate how to properly park the profiler; and demonstrate how to stop the engine and lower the equipment with the engine stopped.



LTP 179

Bucket Truck

8 Hours | Maximum 8 Participants: 4 Participants per machine

This course is designed to provide entry level skills for the operators of bucket trucks. The participants 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.

LTP 180

Bucket Truck/Digger Derrick

24 Hours | Maximum 6 Participants: 3 Participants per machine

This course is designed to equip participants with entry-level skills for operating bucket trucks and digger derricks. Participants will learn how to select and use personal fall arrest systems while working in the bucket, conduct pre-operational inspections, and use hand signals. The training covers machine setup procedures, understanding derrick capacities, and interpreting load charts, and safe practices for working around overhead electrical lines. Additionally, participants will learn safe hoisting practices, how to select and inspect rigging, deploy and stow the drilling auger, and follow safe procedures for hoisting and erecting poles.

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LTP 182

Crane Basics

8 Hours | Maximum 30 Participants

This is a classroom only course in which students will learn safety, OSHA regulations, pre-operational inspections, and preventative 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.

LTP 183

Crane Operator

32 Hours | Maximum 6 Participants: 3 Participants per machine

This is a classroom only course in which students will learn safety, OSHA regulations, pre-operational inspections, and preventative 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.

LTP 192

Skid Steer

8 Hours | Maximum 8 Participants: 4 Participants per machine

This course is designed to provide entry level skills for the operators of skid steers. Participants 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.

LTP 193

Roller

8 Hours | Maximum 6 Participants: 6 Participants per machine

This course is designed to provide entry level skills for the operators of rollers. Participants 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.

LTP 200

Rigging Basics

8 Hours | Maximum 30 Participants

This is a classroom-only course in which participants 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.

LTP 201

Qualified Rigger/Signal Person

12 Hours | Maximum 20 participants maximum; field setup with one crane and operator needed on second day

This is a classroom-only course in which participants 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.

LTP 202

Understanding Load Charts

8 Hours | Maximum 20 participants

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

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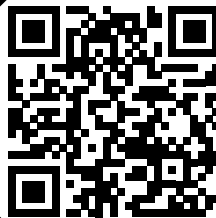
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