

Road Safety Champion Program - TxLTAP



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Overview

Road Safety Champion Program

The **Road Safety Champion Program (RSCP)** provides Texas city and county employees with critical skills to promote road safety. Participants in the program complete a series of core modules and select a specialized path—either **Planning & Engineering** or **Maintenance & Construction**—to earn their certification. The RSCP will run across two sessions throughout 2025, each with designated course dates.

To achieve the RSCP certification, participants must complete all seven core modules, along with the full course load in their chosen specialty pathway. Upon successful completion, they will receive the **Road Safety Champion Program Certificate**. The program is free of cost and is available exclusively to Texas city and county employees and focuses on core courses and specialized tracks in Maintenance & Construction or Planning & Engineering. Full program completion is not required to participate in these courses, however to earn a RSCP certificate successful completion is required.

RSCP courses are offered virtually, along with some in person courses. Unlike traditional webinars, the program combines live, interactive sessions with independent online work, which includes video assignments, quizzes, and readings. This format allows students to immediately apply the concepts from independent assignments during live sessions. By encouraging interaction with instructors and peers, the program fosters a collaborative learning environment.

With road safety being a complex challenge, understanding the risk factors behind crashes is essential. Every mile driven requires drivers to make hundreds of decisions, influenced by road conditions, roadside environments, vehicles, and human behavior. The RSCP addresses these complexities, helping to move Texas closer to achieving zero fatalities and serious injuries on its roads.

Who Should Attend

This workshop is ideal for personnel across transportation, public health, and law enforcement agencies who are involved in or responsible for roadway safety. Within transportation agencies, attendees may include professionals in roadway construction, maintenance, design, and traffic operations. For law enforcement, those in incident management or patrol officers would benefit from this training. Public health staff who oversee car seat initiatives or impaired driving prevention programs may also find it relevant. Additionally, planners, design engineers, construction and maintenance staff, and traffic specialists from DOTs or local agencies are encouraged to attend. **The Road Safety Champion Program is for anyone who wants to learn how to make our roads safer.**

Program Schedule

Each session has unique start dates and deadlines. **Participants must register** to enroll in the session of their choice. For certification eligibility, successful completion in each core module and the chosen pathway is required. Participants in the RSCP may register individually and are not required to complete the program in once continuous session; participants may select the preferred courses offered in both RSCP sessions. Each course has a registration deadline. Be sure to register before the class start date.

Core Modules

1. Introduction to Road Safety
2. Understanding Human Factors
3. Introduction to Traffic Safety Culture
4. Overview of the MUTCD
5. Intersection of Public Health and Law Enforcement
6. Reading the Roadway
7. Safety Analysis Process

Planning & Engineering

1. Countermeasures for Road Safety
2. Work Zones
3. Overview of Local Road Safety Plans
4. Overview of Data and Tools for Safety
5. Joint Training on Crash Reporting (with Law Enforcement)
6. Systemic Safety Project Selection Tool

Maintenance & Construction

1. Maintaining a Safer Roadway
2. Work Zones
3. Worker Safety
4. Traffic Incident Management
5. Take Action Now – Maintaining Safety
6. OSHA 10
7. Flagger Certification

Additional Registration Details:

Each course within the program has a 30-participant limit; however, waitlist options or additional accommodations may be provided if needed. If interested in registering employees or a team, please note that up to six members may be registered per course. Departments or teams needing to register more than six members should contact txltap@uta.edu for assistance. Participants must use their city or county email to register, and all registrations should be completed prior to the class start date.

Session 1: January – April

- **Registration Deadline:** Please register **5 days prior to the start date of each selected course.**

Series 1	Date	Course	Course Code
Core Modules	January 7, 2025	Intro to Road Safety (CM1)	25LTPCM1001
	January 14, 2025	Understanding Human Factors (CM2)	25LTPCM2001
	January 28, 2025	Introduction to Traffic Safety Culture (CM3)	25LTPCM3001
	February 4, 2025	Overview of the MUTCD (CM4)	25LTPCM4001
	February 11, 2025	Intersection of Transportation with Public Health and Law Enforcement (CM5)	25LTPCM5001
	February 25, 2025	Reading the Roadway (CM6)	25LTPCM6001
	March 4, 2025	Safety Analysis Process (CM7)	25LTPCM7001
Planning & Engineering	March 11, 2025	Countermeasures for Road Safety (PE1)	25LTPPE1001
	March 18, 2025	Overview of Local Road Safety Plans (PE3)	25LTPPE3001
	March 25, 2025	Overview of Data & Tools for Safety (PE4)	25LTPPE4001
	April 1, 2025	Joint Training on Crash Reporting (PE5)	25LTPPE5001
	April 8, 2025	Systemic Safety Project Selection Tool (PE6)	25LTPPE6001
Maintenance & Construction	April 15, 2025	Maintaining a Safer Roadway (MC1)	25LTPMC1001
	April 16, 2025	Worker Safety (MC3)	25LTPMC3001
	April 22, 2025	Take Action Now – Maintaining Safety (MC5)	25LTPMC5001

Important Notice: Please be advised that while the majority of RSCP classes are offered in these sessions, some mandatory classes required to complete the RSCP certification are not included in this series. These classes are provided by TxLTAP and are available in person.

Additionally, any RSCP classes previously completed by participants remain valid for up to 4 years from the date they were taken. Participants will need to verify any previously completed classes with us upon registration to ensure they meet the certification requirements.

In-person or other courses needed to earn RSCP Certification are as follows –

Maintenance & Construction:

- Basic Work Zone Safety – TxLTAP – in person
- Traffic Incident Management – National Class – NHI online or TxLTAP – in person
- Work Zone Construction Site Safety (OSHA 10) TxLTAP – in person
- Flagger Certification – TxLTAP– in person

Planning & Engineering:

- Basic Work Zone Safety - TxLTAP– in person

Session 2: April – August

- **Registration Deadline:** Please register 5 days prior to the start date of each selected course.

Series 2	Date	Course	Course Code
Core Modules	April 29, 2025	Intro to Road Safety (CM1)	25LTPCM1002
	May 6, 2025	Understanding Human Factors (CM2)	25LTPCM2002
	May 13, 2025	Introduction to Traffic Safety Culture (CM3)	25LTPCM3002
	May 20, 2025	Overview of the MUTCD (CM4)	25LTPCM4002
	June 3, 2025	Intersection of Transportation with Public Health and Law Enforcement (CM5)	25LTPCM5002
	June 10, 2025	Reading the Roadway (CM6)	25LTPCM6002
	June 17, 2025	Safety Analysis Process (CM7)	25LTPCM7002
Planning & Engineering	June 24, 2025	Countermeasures for Road Safety (PE1)	25LTPPE1002
	July 8, 2025	Overview of Local Road Safety Plans (PE3)	25LTPPE3002
	July 15, 2025	Overview of Data & Tools for Safety (PE4)	25LTPPE4002
	July 22, 2025	Joint Training on Crash Reporting (PE5)	25LTPPE5002
	July 29, 2025	Systemic Safety Project Selection Tool (PE6)	25LTPPE6002
Maintenance & Construction	August 5, 2025	Maintaining a Safer Roadway (MC1)	25LTPMC1002
	August 6, 2025	Worker Safety (MC3)	25LTPMC3002
	August 12, 2025	Take Action Now – Maintaining Safety (MC5)	25LTPMC5002

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- Work Zone Construction Site Safety (OSHA 10) TxLTAP – in person
- Flagger Certification – TxLTAP– in person

Planning & Engineering:

- Basic Work Zone Safety - TxLTAP– in person

Contact us at txltap@uta.edu for more information.

Certification:

Successfully completing all required modules and pathways will earn participants a nationally recognized certificate and a digital badge from TxLTAP.

Participation Requirements:

- **Attendance:** Full attendance is required for registered courses.
- **Pathway Selection:** Participants must choose either the Planning & Engineering or Maintenance & Construction pathway.
- **Verification:** Participants will need to verify any previously completed classes with us upon registration.
- For additional information or assistance with registration, please contact us at txltap@uta.edu.

Course Descriptions:

Core Modules (CM)

CM1 – Introduction to Road Safety

This training provides an overview of safety trends, an understanding of the national safety vision, and discusses the principles of a comprehensive safety program. It will also discuss the importance of prioritizing safety and how an individual can become a Road Safety Champion.

CM2 – Understanding Human Factors

This workshop offers a comprehensive introduction to human factors principles and a structured approach to crash analysis, empowering those without a background in human factors to better integrate road user capabilities and limitations into policies and practices. By understanding how road users interact with their vehicles, the roadway, and each other, participants can gain valuable insights for analyzing crashes. The course introduces a framework for utilizing safety data and documentation to identify contributing factors to crashes.

CM3 – Introduction to Traffic Safety Culture

This workshop introduces growing positive traffic safety culture to significantly improve road safety in America. Participants will leave the training with a better understanding of the elements that shape traffic safety culture, how those factors interact to affect behaviors related to traffic safety, strategies that can be implemented to improve traffic safety culture among various groups, and ideas about how they can leverage their role (and the role of others) in growing a positive traffic safety culture. The workshop's goal is to provide a high-level overview of traffic safety culture and strategies to foster improved traffic safety culture.

CM4 – Overview of the MUTCD

Traffic control devices (TCDs) are very critical for the safe and efficient transportation of people and goods. The Manual on Uniform Traffic Control Devices (MUTCD), by setting minimum standards and providing guidance, ensures uniformity of traffic control devices across the nation. The use of uniform TCDs (messages, locations, sizes, shapes, and colors) helps reduce crashes and congestion, and improves the efficiency of the surface transportation system. Uniformity also helps reduce the cost of TCDs through standardization. This workshop places emphasis on MUTCD – Part 6, Temporary Traffic Control, as well as signage and markings on low volume roads.

CM 5 – Intersection of Transportation with Public Health and Law Enforcement

This workshop highlights the critical importance of collaboration among transportation, public health, and law enforcement agencies in working toward the goal of zero roadway fatalities. Participants will gain an understanding of how transportation safety is deeply connected to

both law enforcement and public health and how their joint efforts can lead to safer roadways. The workshop emphasizes strategic, cross-agency approaches for achieving zero deaths on our roads.

CM6 – Reading the Roadway

This workshop teaches participants how to “read the road” as well as the importance of doing so in daily activities. It uses real world examples on different roadway components to demonstrate how participants may be able to uncover potential safety issues during their routine activities. It also highlights how the road safety audit process can be used to “read the road” in a more formal approach. The training also examines the consequences daily activities of workers may have on safety.

CM7 – Safety Analysis Process

This workshop introduces the Safety Analysis Process from the FHWA Safety Toolkit, a systematic approach for identifying crash-contributing factors and implementing targeted countermeasures. Known as a best-practice method, this flexible process can be adapted to meet specific needs. The workshop will walk participants through the seven-step process and demonstrate its application through two complementary analysis methods: traditional site safety analysis and systemic analysis. Real-world case studies will also be used, allowing participants to practice applying the process in various scenarios.

Planning & Engineering (PE)

PE1 – Countermeasures for Road Safety

Road safety countermeasures are actions taken to improve transportation safety and therefore decrease the number of injuries and fatalities. These countermeasures can consist of infrastructure, behavioral, or programmatic/policy implementation. This workshop will provide an overview of safety countermeasures applicable to local roads with an emphasis on low-cost practices. Discussions include Crash Modification Factors (CMFs), systemic safety analysis, and factors for evaluating and selecting countermeasures.

PE3 – Overview of Local Road Safety Plans

Local road practitioners across the country play a critical role in addressing crash risks at the local level and may be able to identify the specific or unique conditions that contribute to crashes within their jurisdiction. The Local Road Safety Plan (LRSP) offers a foundation for consensus and focus and helps communities take a proactive stance in reducing and preventing local road fatalities and injuries. This workshop will provide an overview of Local Road Safety Plans (LRSP) including how they support safety efforts, the steps to developing a LRSP, and the strategies for implementing a LRSP.

PE4 – Overview of Data and Tools for Safety

Transportation professionals use a data driven approach to safety. In this two-hour training, learn about the different types of data, data challenges for local agencies, and the various tools available for network screening. Discussions include Highway Safety Manual, usRAP, Road Safety Audits, Systemic Safety Project Selection Tool, and Crash Tree Maker.

PE5 – Joint Training on Crash Reporting (with Law Enforcement)

This workshop provides an overview of crash reports from the perspective of both law enforcement and transportation agencies [using the data for planning and design] and how the agencies can work together to ensure consistency and quality. The workshop examines how crash data is used by traffic engineers and planners. It wraps up with explaining the challenges that crash reports create for law enforcement officers.

PE6 – Systemic Safety Project Selection Tool

This workshop introduces participants to the Systemic Safety Project Selection Tool as well as give them an overview of why systemic screening is needed and the benefits of incorporating systemic screening into safety evaluations. Participants will be introduced to the four-step systemic planning process and be given the chance to apply each step using case studies and exercises.

Maintenance & Construction

MC1 – Maintaining a Safer Roadway

Local agency maintenance forces are in the best position to be the “eyes and ears” of the road when it comes to identifying safety issues. This workshop focuses on maintenance safety solutions that local maintenance forces can implement daily to address safety issues related to elements such as shoulder drop-offs, right-of-way obstructions, striping and signing, guardrails, mowing, sweeping, patching, drainage, winter maintenance, etc. It includes a case study that highlights the benefit of effective maintenance and design practices.

MC2 – Work Zones

This workshop provides an introduction and overview of the minimum standards for temporary roadway work zones as outlined in the Manual on Uniform Traffic Control Devices (MUTCD) for rural roads. This workshop will help participants become aware of the need for uniformity of temporary traffic control devices. Emphasis will be given to MUTCD Part 6: Temporary Traffic Control of the MUTCD. The overall goal of this training is to provide participants with the options that are available to address their temporary traffic control needs for various work zones.

MC3 – Worker Safety

Building roads and bridges can be dangerous. Each year about 7,500 highway construction workers get hurt or sick. More than 80 highway construction workers are killed on the job. Our work doesn't have to be dangerous. The "Worker Safety" half-day workshop raises awareness about the primary hazards in roadway construction followed by industry recognized practices for preventing serious injuries and fatalities in roadway construction. We wrap up the training discussing common health hazards workers are exposed to in highway construction and ways to mitigate them. Take a safety moment and spend four hours with Catlett Engineering as they raise your awareness about ways to make your workplace safer.

MC5 – Take Action Now – Maintaining Safety

To reach the national goal of zero transportation officials cannot wait for something to happen before taking action. Maintenance and construction workers who are on the road daily provide a great asset to help identify potential safety issues. This workshop will focus on maintenance safety solutions construction and maintenance personnel can implement on a daily basis. It will focus on safety issues related to signs and supports, vegetation control and drainage features, using the FHWA documents: Vegetation Control for Safety, A Guide for Local Highway and Street Maintenance Personnel, Maintenance of Drainage Features for Safety, A Guide for Local Street and Highway Maintenance Personnel and Maintenance of Signs and Sign Supports: A Guide for Local Roads Maintenance Personnel as the basis.

Additional Information and Support from TxLTAP

Contact TxLTAP for Assistance

For any questions related to the Road Safety Champion Program or assistance with registration, please reach out to TxLTAP:

Email: txltap@uta.edu

[Join us in making Texas roads safer—sign up for the Road Safety Champion Program today!](#)