



COURSE NUMBER

FHWA-NHI-151042

COURSE TITLE

Transportation Safety Planning

Developed in cooperation with the Federal Transit Administration (FTA) and the National Transit Institute, this course is designed to identify opportunities for improving the manner in which safety is integrated as a key planning factor and performance measure in all transportation plans and programs.

Recently updated to reflect the provisions from SAFETEA-LU, this course will help you identify opportunities for improving the manner in which safety is integrated as a key planning factor and performance measure in all transportation plans and programs. Upon completion of the course, you will be able to: identify the benefits of addressing safety early and throughout the transportation planning process; identify safety strategies related to users, vehicles, infrastructure, and system operations; and, learn other core safety planning concepts.

OUTCOMES

Upon completion of the course, participants will be able to:

- Define safety from the perspective of more than one discipline and identify the significant challenges for transportation safety planning.
- Explain the 4 Es of safety and the potential impact of multidisciplinary, collaborative relationships among them and other partners.
- Describe the roadway, vehicle, environmental and human factors involved in crashes.
- Recognize the human, economic, mobility and other benefits of investing in transportation safety.
- Describe the legislative history associated with transportation safety planning.
- Describe the elements of the transportation planning process and how the development of SHSPs influences the traditional process.
- Identify types, strengths, and weaknesses of transportation safety data.
- Identify methods for incorporating safety into the vision, goals, objectives, and performance measures in the transportation planning process.
- Explain how crash data are used to identify problem locations and opportunities for improving safety.
- Identify appropriate methods and research for selecting effective countermeasures and targeting diverse cultural and geographic populations.
- Identify methods for evaluating and prioritizing projects, programs and policies.
- Describe methods and tools for tracking progress, assessing outcomes, and using evaluation results to inform and influence the transportation safety planning process.
- Describe transportation safety planning resources and support mechanisms.
- Report on the degree to which your state LRTP or TIP addresses safety.

TARGET AUDIENCE

The course is intended for transportation planning and safety professionals representing metropolitan planning organizations, state departments of transportation, state highway safety offices (SHSO), transit agencies, the Federal Transit Administration (FTA), the Federal Highway Administration (FHWA), the National Highway Traffic Safety Administration, local planning organizations, and others involved in the transportation planning process, such as motor carrier safety programs, emergency response personnel, and law enforcement.

TRAINING LEVEL: Intermediate

FEE: 2013: \$350 Per Person; 2014: N/A

LENGTH: 2 DAYS (CEU: 1.2 UNITS)

CLASS SIZE: MINIMUM: 20; MAXIMUM: 30

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