

Be Part of the Safety Success Story

Sign-up for Highway Safety Improvement Program Training Courses Today

An Opportunity Awaits You...

Traffic safety is a success story. In 2009, traffic fatalities reached their lowest level in 55 years due to the energy, enthusiasm, and hard work of thousands of safety stakeholders. Help continue the momentum by signing up for one of five new web-based courses related to the Highway Safety Improvement Program (HSIP). These courses include HSIP Overview, HSIP Project Identification, HSIP Project Evaluation, Strategic Highway Safety Plan (SHSP) Development, and SHSP Implementation. The purpose of these courses is to help State and local agencies advance safety through awareness of cutting-edge HSIP best practices and successful SHSP implementation efforts. Additional information related to each course is provided below.

HSIP Overview

Almost anyone can benefit from this HSIP overview course. It is an introduction to the infrastructure side of safety for individuals who are new to the safety discipline; an agency's leadership can learn more about the importance of safety; and HSIP managers can find out about the relationship of the various HSIP programs. The course also benefits data managers who hear about safety data sources, data quality, and strategies for overcoming data challenges; and State, regional, and local engineers can gain knowledge on network screening, countermeasure selection, project prioritization, and evaluation.

The course provides the basics on HSIP, including the program structure and legislative and regulatory requirements, and ensures participants can use the information through a greater understanding of HSIP planning, implementation, and evaluation components. It is a solid introduction to one of the primary funding mechanisms for infrastructure safety improvements.

“Improving safety on our roadways requires agencies to select optimal safety solutions. The HSIP Project Identification and Project Evaluation courses allow safety stakeholders to gain critical knowledge that ultimately improves safety project selection. The ultimate result will mean more people arriving alive to their destinations.”

John Miller, Traffic Safety Engineer, Missouri Department of Transportation

HSIP Project Identification and Evaluation

The HSIP Project Identification and Project Evaluation are blended courses involving on-line sessions and facilitated web conferences. If you are an engineer, planner, SHSP emphasis area team member or leader, or a data analyst – these are the courses for you. *Read more to find out why...*



Flexible to Meet User Needs

The courses, available through the National Highway Institute (NHI), are flexible and designed to meet user needs:

- Conduct an in-State training with the State acting as host and invite districts, local agencies, and/or other stakeholders to participate;
- Hold a mini peer-exchange with multi-State participants so States can learn from one another and ask NHI to serve as host;
- Request individuals to take the courses separately or as a series; or
- Tailor the material to focus on specific State issues or concerns.



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<http://safety.dot.gov>

- Engineers and planners benefit because they conduct technical analysis to support HSIP project identification and evaluate the safety impact of projects on crash frequency and severity;
- SHSP emphasis area team leaders and members profit because they learn more about the development of strategies and action steps that relate back to the HSIP; and
- Data analysts learn more about identifying sites with potential for improvement or for systemic improvements, and HSIP project evaluation.



Both courses introduce data analysis concepts such as regression to the mean, safety performance functions, and the Empirical Bayes method. The HSIP Project Identification course highlights the strengths and weaknesses of network screening processes involving systemic safety improvements and those aimed at specific sites with potential for safety improvement, as well as ways to prioritize projects based on the safety and economic effectiveness measures.

The HSIP Project Evaluation course describes the fundamentals for a safety effectiveness evaluation along with examples of evaluation methodologies and provides hands-on opportunities for participants to practice various types of observational before-after studies used in safety evaluation.

SHSP Development and Implementation

The SHSP Development training is a useful web-based refresher course for any State that is updating their SHSP since the development and update processes are the same. There are other benefits for Metropolitan Planning Organizations (MPO), counties, and communities, which are developing local and regional safety plans as well as new hires that are joining the workforce. These needs are the driving force behind the creation of this basic tutorial on the background, history, contents, development, and maintenance of the SHSP.

The SHSP Implementation is a blended course involving on-line and facilitator-led webinar courses. Anyone involved in traffic safety, and especially those involved in SHSP management and implementation efforts at the Federal, State, regional, and local levels can benefit. This training course provides the strategies and examples of the SHSP implementation processes that keep SHSP partners at the table – engaged and energized. The course presents the ideal framework so States can assess, compare, and adjust their own efforts to achieve the greatest outcomes.

“This web-based training course provides a significant new resource for the entire highway safety community when working to take SHSP planning to the next level. This Development Course leverages the collective learning and experience of the highway safety community to the benefit of both experienced and novice safety practitioners from a 4E perspective.”

**Lowell Porter, Director of the
Washington Traffic Safety Commission**

How Can I Participate

To sign up for a course, go to the National Highway Institute at <http://www.nhi.fhwa.dot.gov> and click on “Search for a Course.” You can find the courses along with a schedule of upcoming sessions by using the following course numbers:

HSIP Overview – FHWA-NHI-380110
 HSIP Project Identification – FHWA-NHI-380111
 HSIP Project Evaluation – FHWA-NHI-380112

SHSP Development – FHWA-NHI-380113
 SHSP Implementation – FHWA-NHI-380114

**Be a part of something that is making a positive difference for thousands of people all over the nation.
 You may never meet the person whose life you save or know what injury you prevent, but know
 improving your safety skills and knowledge are a key to *Safer Roads for a Safer Future*.**