



COURSE NUMBER

FHWA-NHI-380111

COURSE TITLE

Highway Safety Improvement Program (HSIP) Project Identification

The Highway Safety Improvement Program (HSIP) Project Identification Course provides participants with the necessary background and tools needed to identify projects for the HSIP. Background knowledge critical to understanding project identification includes data analysis concepts such as regression-to-the-mean. Tools essential to the network screening process includes approaches that support systemic safety improvements and those aimed at identifying particular sites with potential for safety improvement. The course will allow participants to choose between different network screening methods by distinguishing between the data needs, strengths and weaknesses of the different approaches; identify and evaluate different countermeasures; prioritize projects based on measures of economic effectiveness; and identify potential funding sources and strategies.

Responsibilities:

You will be expected to complete ten online lessons and two facilitated Web conferences. It is recommended that you complete the modules in sequential order. You must complete all ten online lessons and participate in the two Web conferences to obtain your certificate. By passing the online test at the end of the course, you can also receive Continuing Education Units (CEUs) for the course. All participants will need their own computer with internet connection and a telephone line to participate in the Web conferences.

OUTCOMES

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

- Identify the need for data driven decision making in the HSIP project identification process;
- Identify data sources to use in HSIP project identification;
- Recognize fundamentals of data analysis for HSIP project identification;
- Describe the HSIP project identification process;
- Differentiate between systemic and site specific network screening processes;
- Recognize strengths and limitations of various approaches to network screening;
- Recognize the countermeasure identification process; and
- Identify methods for prioritizing countermeasures and projects for implementation.

TARGET AUDIENCE

The intended audience for this course is planners and engineers who conduct technical analysis to support HSIP project identification; professionals developing emphasis areas for the SHSP; and data analysts responsible for identifying sites with potential for improvement and locations for systemic improvements.

TRAINING LEVEL: Basic

FEE: 2016: \$300 Per Person; 2017: \$300 Per Person

LENGTH: 8 HOURS (CEU: 0 UNITS)

CLASS SIZE: MINIMUM: 15; MAXIMUM: 30

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