

**COURSE NUMBER**

FHWA-NHI-380106

**COURSE TITLE****Highway Safety Manual Online Overview**

Implementation of the HSM requires an understanding of the Science of Safety which supports the quantitative methodologies presented in the manual. This course is an overview of the HSM structure, concepts and principles.

The free selection format of the course allows the student to select modules and concepts of interest in the order preferable to their:

learning style

time availability

and previous knowledge level.

It includes an introduction of terminology, examples of the Roadway Safety Management Process (Part B) and Predictive Methods (Part C), explains the relationship of Crash Modification Factors (CMFs) to decision making and quantitative safety analysis, and human factors. FHWA will continue to develop courses, products and services to meet the needs of the HSM implementation community.

**OUTCOMES**

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

- Identify the parts of HSM and what they are used for.
- Explain the overall concepts and principles promoted in HS for safety decision making.
- Recognize the benefits of using a quantitative safety analysis in various stages of the transportation project development process.

**TARGET AUDIENCE**

This course is for all interested students. It is an introductory course intended to provide a broad, base level understanding of HSM.

**TRAINING LEVEL:** Basic

**FEE:** 2018: \$0 Per Person; 2019: N/A

**LENGTH:** 12 HOURS (CEU: 0 UNITS)

**CLASS SIZE:** MINIMUM: 1; MAXIMUM: 1

**NHI Customer Service:** (877) 558-6873 • [nhicustomerservice@dot.gov](mailto:nhicustomerservice@dot.gov)