

**COURSE NUMBER**

FHWA-NHI-134078

**COURSE TITLE****TCCC GPS Technology - WEB-BASED**

This training is provided by the Transportation Curriculum Coordination Council (TCCC) in partnership with NHI to review Global Positioning System (GPS) technology. GPS technology is becoming a commonly used tool for construction and maintenance. This course will provide the participant with a general understanding of GPS and the accuracy that can be obtained with this new technology. GPS is used for surveying, rough and fine grading, utility locations, excavation and grading, paving, and a number of other uses. In this course, the participant will learn what advantages are gained using this technology and how these advantages are transferred to government agencies and the end user. The understanding of GPS is essential to technicians when performing inspection and maintenance job functions.

**OUTCOMES**

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

- Define GPS
- Describe the levels of GPS accuracy
- Explain how GPS is used in construction today
- Identify the advantages to contractors that use GPS
- Identify the challenges faced by contractors and government agencies adopting this new technology

**TARGET AUDIENCE**

This course is designed for FHWA, State, and Local Agencies and their industry counterparts that are currently using or will be adopting this new technology. It is applicable to anyone desiring a better understanding of Global Positioning Systems.

**TRAINING LEVEL:** Basic

**FEE:** 2013: \$0 Per Person; 2014: N/A

**LENGTH:** 1 HOURS (CEU: 0 UNITS)

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

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