



NATIONAL HIGHWAY INSTITUTE

Attend NHI Training Without Leaving Your Office

By John J. Sullivan, IV

Internet-based technologies continue to offer new opportunities to connect people across town, across the country, and around the world. The National Highway Institute (NHI), the training arm of the Federal Highway Administration (FHWA), is at the forefront, adapting these technologies to help deliver world-class training to the highway and transportation community. Among the latest developments at NHI are Web-based training and Web-conference training, which enable attendees to participate in NHI training sessions without leaving their offices.

Web-based training consists of self-study course modules that attendees complete via the Internet. Self-paced and available 24 hours a day, Web-based training offers attendees the freedom to complete the training whenever and wherever they choose.

For a more interactive experience, Web-conference training delivers presentation visuals and audio to attendees' desktops—at a predetermined time. The visual component of a Web conference appears on attendees' computer monitors and typically includes Microsoft PowerPoint presentations, Word documents, and/or streaming video of the presenter, who is being filmed by a Web camera. Attendees hear the audio portion through an ordinary phone line, enabling presenters and attendees to communicate with each other during the conference.

Web-based and Web-conference training offer many advantages, but perhaps most appealing is the fact that no travel is required, saving agencies and individuals both time and money. Another key benefit is that Web-based training and Web conferences can be designed to comply with Section 508 of the Americans with Disabilities Act. FHWA provides closed captioning for Web conferences, so they are accessible to attendees who are deaf or hard of hearing. And wheelchair users, who may find it challenging to travel to a training venue, can participate without leaving their work environment.

NHI is pleased that the following Web-based and Web-conference training courses are now available for enrollment:

Introduction to NEPA and Transportation Decisionmaking (FHWA-NHI-142052)—This Web-based course is an overview of the environmental

U.S. Department on Transportation

FHWA News Home

Business

- Heartland Corridor Project Inaugurates Terminus Construction
- Administrator's Videoconference Yields Positive Feedback
- The Leadership Development Academy: This Is Serious Business!
- 2007 Traffic Signal Operation Self Assessment
- NHI Offers Free Seminars Targeting Traffic Monitoring Professionals
- Attend NHI Training Without Leaving Your Office

Also in this Issue

- FHWA News Home
- Special Events
- People
- Retiree's Corner
- F.Y.I.
- In Memoriam
- Just for Fun

process, including the integration of social, environmental, and economic factors within the framework of existing laws, regulations, policies, and guidance for transportation project decisions. The course covers the requirements of the National Environmental Policy Act (NEPA) as implemented by the Executive Office of the President's Council on Environmental Quality and FHWA's regulations and guidance for NEPA implementation and project decisionmaking.

Upon completing the course, participants will be able to do the following:

- Relate the origin, evolution, and context of NEPA.
- Describe the intent, goals, and basic requirements of NEPA.
- Describe the NEPA umbrella concept in transportation decisionmaking.
- Identify the NEPA principles in the development of transportation projects.
- Explain the roles and responsibilities of the lead agency, applicant, and cooperating agencies in the NEPA process.
- List the documentation requirements of the NEPA process.

The target audience includes staff from FHWA, State Departments of Transportation (including consultants acting on behalf of the States), Federal and State environmental resource agencies, local governments, and Metropolitan Planning Organizations who participate in the transportation decisionmaking process. For more information, contact NHI Training Program Manager Mila Plosky at (703) 235-0527 or mila.plosky@dot.gov; or Lamar Smith at (202) 366-8994 or lamar.smith@dot.gov.

Principles and Practices for Enhanced Maintenance Management Systems (FHWA-NHI-131112)—This distance-learning course covers the same subject content presented in the NHI course 131107. Students participate in three live Web sessions and complete self-study modules. The course introduces the methods and practices used in an enhanced Maintenance Management System (MMS) to maintain and operate a highway network effectively.

Upon completing the MMS course, participants will be able to do the following:

- Compare and contrast a first generation MMS with an enhanced MMS of the 21st century.
- Describe the terms “outcome-based” and “performance-based” and how they pertain to an enhanced MMS.
- Describe the use of service levels to support the programming and budgeting activities incorporated into an MMS.
- Identify the types of systems that should be integrated with an MMS and provide several examples of the types of data that should interface between each system.
- List the potential benefits to be realized by fully integrating an enhanced MMS.
- Identify several steps that will advance the agency's current maintenance management practices now and in the future.

The target audience for the MMS course includes State and local maintenance engineers, maintenance supervisors, asset managers, and their industry counterparts. The course specifically targets individuals who are responsible for directing and managing maintenance operations and budgets, maintenance project, and treatment selection, and/or the monitoring of system conditions. For more information, contact NHI Training Program Manager Marty Ross at (703) 235-0534 or marty.ross@dot.gov.

For a complete description of these and other NHI courses, please visit the new NHI Web site at www.nhi.fhwa.dot.gov. To schedule a session or for technical questions about enrolling, please contact the NHI Training Team at (703) 235-0534 or e-mail: NHITraining@fhwa.dot.gov.

[StaffNet](#) | [Press Releases](#) | [Feedback](#)

This page last modified on March 26, 2008

 **FHWA StaffNet**