



COURSE NUMBER

FHWA-NHI-130112C



COURSE TITLE

NDE for Timber and Other Material Bridge Elements (Web-based)

130112C Nondestructive Evaluation (NDE) for Timber and other Material Bridge Elements explains the “why” behind the approaches with theoretical explanations of the techniques, comparative costs of each approach, and their applicability to timber and other bridge materials. This course is the third of three WBTs in the WBT Course Series, Practical Applications of Nondestructive Evaluation for Bridge Inspection, which also includes 130112A NDE for Concrete Bridge Elements and 130112B NDE for Steel Bridge Elements. This Course Series (130112A, 130112B, 130112C) is a follow up to introductory course 130111 providing a more in-depth study of NDE topics.

OUTCOMES

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

- Describe the application of NDE technology to decay and other voids of timber bridge elements
- Describe the application of NDE technology to delamination and cracks of FRP bridge elements

TARGET AUDIENCE

The target audience for course 130112A includes public and private sector bridge inspectors, supervisors, project engineers, and others responsible for field inspection of in-service bridges. This will include personnel who may be engineers or technicians in positions such as bridge inspection program manager, bridge inspection project manager, bridge inspection team leader, bridge inspection team member, and FHWA Structural/Bridge Engineers.

TRAINING LEVEL: Basic

FEE: 2017: \$50 Per Person; 2018: N/A

LENGTH: 4 HOURS (CEU: .4 UNITS)

CLASS SIZE: MINIMUM: 0; MAXIMUM: 0

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