COURSE NUMBER
FHWA-NHI-137055

COURSE TITLE
Transportation Cyber Security

‘Transportation Cyber Security’ is a 4-hour long web-based training offered by NHI, the authoritative source in transportation training. The course is intended for professionals working with surface transportation systems. Each of the subject areas could be a course on its own, as the field is constantly changing and technologies evolve quickly under competitive pressure. This course is intended to help transportation professionals improve their understanding of the subject, and offer the tools that are useful for learning more about cyber security and resilience. Selected topics covered in this course are: hackers and their motivations, transportation objectives at risk, cyber technologies, common vulnerabilities associated with social media and public information systems, and tools for keeping informed about the developments in cybersecurity.

To enroll in this web-based training course, select ‘Add to Cart.’

OUTCOMES
Upon completion of the course, participants will be able to:
• Discuss the motivations of hackers and determine what transportation objectives are at risk
• Analyze the complex and rapidly changing technologies associated with the broad discipline of cyber security
• Explain common vulnerabilities associated with social media, public information systems, etc.
• Identify and explain what makes up the center-to-field network, discuss its common vulnerabilities and operational risks
• Explain the common vulnerabilities of the Traffic Management Center and identify some common solutions
• List the tools that are useful for learning more about cyber security and resilience

TARGET AUDIENCE
Transportation professionals working with surface transportation systems

TRAINING LEVEL: Basic

FEE: 2020: $0 Per Person; 2021: N/A
LENGTH: 4 HOURS (CEU: .4 UNITS)
CLASS SIZE: MINIMUM: 0; MAXIMUM: 0

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