

Title: Cyber security in transportation: connected, automated and vulnerable

Abstract: This class is designed at the following experience level for this topic – **introductory**

All modes of transportation are becoming increasingly dependent on information and communications technologies, and the risk of disruption from cyber-attacks is growing. As transportation and logistics systems become more connected, and automated vehicles and control systems are introduced, the potential vulnerabilities have increased. This course will highlight the risks in connected and automated transportation systems, and outline the key elements of a comprehensive cyber security and resilience strategy. Examples of successful cyber-attacks in transportation will be described, and students will be encouraged to share their experiences and concerns.

Organization: U.S. Department of Transportation Volpe Center

Website: www.volpe.dot.gov



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