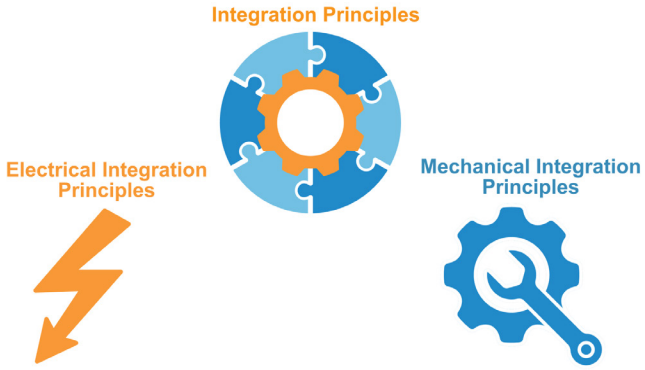
Wiring Harness Integration

eLearning courses designed to increase productivity and profits



Learning Made Simple, Visual, and Interactive

Credit Hours **2.5**

The THORS *Wiring Harness Integration* course serves as a foundational guide to understanding the process of integrating a wiring harness into equipment. This course provides a visually engaging learning experience, enabling learners to explore the electrical integration principles and mechanical integration principles, along with the standards and compliance requirements needed to integrate wiring harnesses into equipment.

Learning Objectives

- Explain the electrical integration principles of wiring harness integration.
- Understand power distribution, signal distribution, Electromagnetic Compatibility (EMC), and electrical load management.
- Explain the mechanical integration principles of wiring harness integration.
- Describe how mechanical fitment, vibration damping, strain management, and Thermal Management (TM) affect wiring harness integration.
- Develop an understanding of the standards and compliance requirements for wiring harness integration, such as electrical standards and Ingress Protection (IP) standards.

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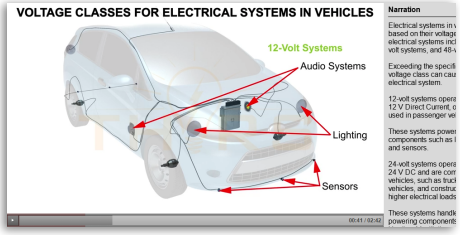

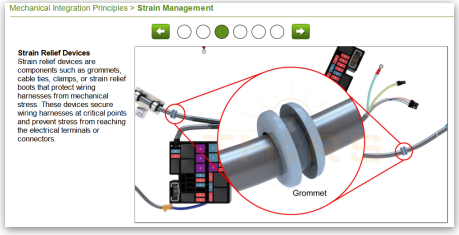

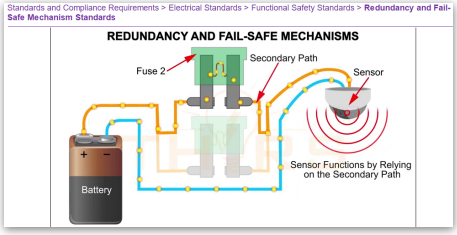

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