

Transmission & Distribution Course Library



The inability to properly transmit, regulate and distribute electrical power from the generating source can be crippling, and in some cases, catastrophic, for facilities and the communities they serve. Just as in other industrial sectors, successful operation and production reliability in transmission and distribution is based on the performance of the entire organization.

Vector Solutions provides online courses to improve workforce safety and productivity and to help your organization move from a repair and replace focus to a predictive and preventative maintenance focus.



Work with an *award-winning eLearning provider* that offers breadth of industry-specific and skills-specific eLearning courses within one library.



Training Topics

Vector Solutions' training covers how transmission and distribution systems accomplish their function and how individual components are installed and maintained, providing essential knowledge for those involved in the transmission and distribution of electrical power. All courses have been reviewed to meet technical requirements of the Board of Certified Safety Professionals (BCSP). Training topics include:

- Rigging
- Maintenance
- Overhead Line
- Construction
- Distribution
- Equipment
- Maintenance
- Safety
- Systems and Theory
- Professional Development

Transmission & Distribution

Rigging

- Advanced Rigging - Transmission & Distribution

Overhead Line

- Overhead Distribution Systems
- Troubleshooting Overhead Lines
- Transmission Line Repair - Hot Sticks
- Transmission Line Installation
- Transmission Structures
- Transformer Troubleshooting
- Working on Distribution Poles

T&D Construction

- Service Installation

T&D Distribution

- Distribution Line Installation and Removal
- Distribution Line Replacement
- Focus on Distribution

T&D Equipment

- Bucket Trucks, Part 1
- Bucket Trucks, Part 2
- Hydraulic Derricks
- Mobile Hydraulic Systems

T&D Maintenance

- Mobile Compressors and Pneumatic Tools
- Care and Testing of Tools and Equipment
- Hydraulic Hand Tools, Part 1
- Hydraulic Hand Tools, Part 2
- Using Line Test Equipment

T&D Safety

- Distribution Line Safety
- Transmission Line Safety
- Safety in Overhead Line Maintenance
- Safety in Substations and Switchyards
- Safety in Transmission and Distribution Maintenance
- Safety in Underground Line Maintenance

T&D Systems and Theory

- High Voltage AC Power, Part 1
- High Voltage AC Power, Part 2
- Introduction to Transmission and Distribution Systems
- Framing Specifications and Basic Construction Diagrams
- Series and Street Lighting
- Substations and Switchyards

Underground Line/Cable

- Cable Splicing, Part 1
- Cable Splicing, Part 2
- Cable Terminations
- Pad-Mounted Transformers and Switchgear
- Underground Residential Distribution Systems



“We are devoted to promoting and facilitating safety to our employees and community at large. With [Vector], we make sure no part of our safety program is overlooked.”

Safety Specialist

[Lincoln Electric System](#)

Why Vector Solutions?

Our eLearning courses are in SCORM format and feature 3D animations. Additional features include:



Multi-language Translations

Our courses are translated into 40+ different languages



Accessible Platform

Train on any device with our mobile-optimized content that adapts to the layout of your learners' devices



High Quality Content

3D animation, updated regularly – cutaways to show what the eye can't see



Close Skills Gaps

Maximize production and drive consistency across work sites with standardized training

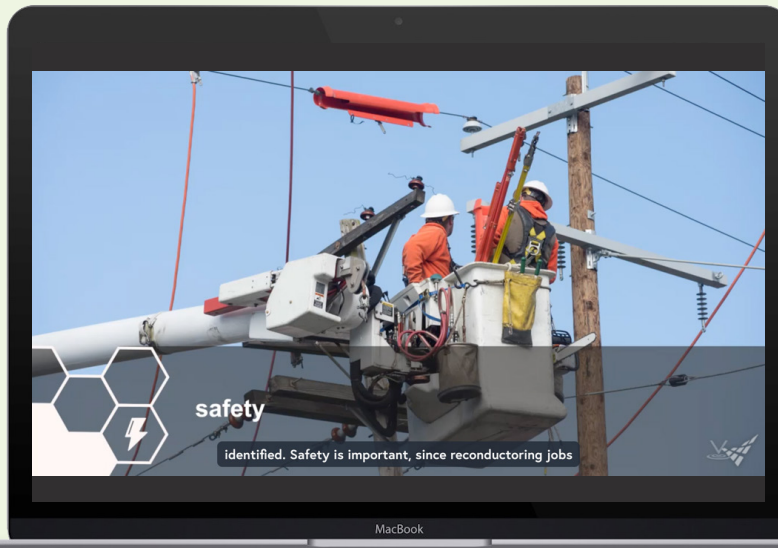


All-In-One Training Solution

Access our Power Generation training courses and more with the Industrial Premium Course Library. This library includes:

- Electrical Transmission & Distribution
- Power Generation
- Core Industrial Skills
- Electrical Maintenance
- Health, Safety & Environment (HSE)
- Mechanical Maintenance
- Communication Skills
- Leadership Management
- Computer Skills
- Harassment Prevention
- Project Management

>> [Learn More About Industrial Premium](#)



A Learning Management Platform for the Energy Industry

Vector Solutions works hard to continually improve our award-winning learning management system (LMS) to enable customers to serve the needs of Energy companies such as Renewables, Oil & Gas, Mining, and Utilities. Our LMS is user-friendly and accessible for both administrators and end-users, making assigning training, tracking, reporting, and consuming content easy.

- Advanced, multi-level course search tools
- Custom branded with firm's logo, colors, & messaging
- Bulk user uploads & user management tools
- Custom course/exam builder
- Role course mapping
- Flexible assignments/auto-assignments
- Proprietary course/content uploads
- Knowledge, skill & competency assessments
- Instructor-led training management
- Robust dashboards & reports
- Hierarchical, permissions-based security roles

>> [Learn More Here](#)

