

Staff Development DVDs

Our series of menu-selectable Staff Development DVDs feature high-quality video, animations and graphics to enhance the learning experience and allow for visual identification of theoretical concepts and “inside” topics.



Fiber Optic Safety

Learn about key topics relevant to fiber and laser safety, safe optical fiber handling, and chemical and environmental safety.

- Part #W-6D-221 (First edition) • 86 min

Introduction to Fiber Optics

This comprehensive overview of fiber optics contains 14 introductory chapters from other Light Brigade DVDs. Learn and appreciate everything this amazing technology has to offer. • Part #W-6D-101 (First edition) • 105 min

Fundamentals of Fiber Optics

Learn how fiber optics is applied in today's voice, video, and data communication systems. Learn fiber theory, terminology, and how various types of fiber are manufactured. • Part #W-6D-112 (Second edition) • 80 min

OTDR Theory and Operation

The OTDR is a crucial instrument for acceptance testing and troubleshooting. Learn how to use an OTDR in various testing scenarios including FTTx, PMD, LAN, and OSP applications. • Part #W-6D-121 (First edition) • 86 min

Fiber Optic Test Equipment and Testing Fiber Optic Links

Explore the wide variety of test equipment from simple hand-held devices to modular OTDRs that are used in the acceptance testing and maintenance of today's fiber optic systems and links. • Part #W-6D-131 (First edition) • 81 min

Troubleshooting A Fiber Optic Link

Proper selection and usage of fiber optic test equipment is key to an effective maintenance program. Learn how to choose the best equipment and technique for the task at hand, including acceptance testing and restoration. • Part #W-6D-141 (First edition) • 90 min

Fiber Optic Cable

Outside plant, utility, and premises applications employ many types of fiber optic cable. Learn how these cables are structured, manufactured, prepared for splicing, terminated, and then deployed. • Part #W-6D-151 (First edition) • 106 min

Fiber Optic Splicing

Low loss splicing is the cornerstone of optimal network performance. Learn to correctly perform mechanical and fusion splicing to produce high quality, low loss splices in any fiber application. • Part #W-6D-161 (First edition) • 95 min

Fiber Optic Patch Panels, Splice Closures and Pedestals

Cable management products have evolved greatly over the years and fulfill many roles today. Learn how they are typically employed in today's networks, and how they are integrated with optical cable. • Part #W-6D-171 (First edition) • 100 min

Fiber Optic Connectors

Proper connectorization is critical to the success of a fiber link. A technician must be able to properly terminate each fiber and ensure it provides the lowest loss possible to achieve optimum performance. • Part #W-6D-181 (First edition) • 118 min

Fiber Optic Active Devices

A fiber optic system cannot function without light sources and detectors. Learn what these devices are, how they function, and how they are tested and integrated into transmission systems. • Part #W-6D-191 (First edition) • 121 min

Fiber Optic Passive Devices

Some fiber optic systems incorporate an enormous amount of optical passive devices. Learn how passive devices are integrated to increase network bandwidth and reliability, while simultaneously lowering costs. • Part #W-6D-201 (First edition) • 118 min

Fiber Optic System Design

Learn to design a fiber optic transmission system that suits your requirements now and for years to come, from simple point-to-point networks to more advanced DWDM, ROADM, and FTTH/FTTB systems. • Part #W-6D-211 (First edition) • 112 min



These DVDs have been filmed by professional cinematographers and provide an unbiased, international perspective. The close-up filming allows small, difficult-to-see components, as well as installation content to be presented in a clear, easy-to-see manner.

The content is formatted for easy presentation either by menu-selectable chapters or in continuous play mode. Each DVD includes a quiz, along with an answer sheet, in Word format.

Make these valuable tools a part of your training library!