

TS FSD 400 Design Training Course

A LANscape®
Solutions Service

curriculum |

Includes several interactive case studies

Theory and principles of fiber optics

Fiber types and applications for multimode and single-mode networks

Fiber connector types and applications

Fiber splicing technologies overview

Optical sources including LEDs, VCSELs, lasers and modulators

Cable types and selection for network design

Fire code and National Electric Code® (NEC®) considerations

(continued)

Fiber Optic Design Course for Multimode and Single-Mode Optical Local Area Networks

Corning Cable Systems TS FSD 400 Fiber Optic Design Course for Multimode and Single-Mode Optical Local Area Networks is a 4-day course that targets customers desiring an in-depth knowledge of optical local area network cabling design. Created by experienced systems engineers who regularly work with customers to meet their optical network requirements, this course covers all aspects of successful fiber optic system design from network protocols and configurations to optical cabling, data center design, industry communications standards, determination of fiber count, hardware selection, splicing/termination methods and cable system testing and documentation. All that is learned is put into practice through several intensive in-class case studies.

BICSI CEC:	28 hours RCDD, Installation or OSP
Class Size:	10-25 students
Class Time:	8:30 a.m. – 5:00 p.m.

class registration |

Standard courses are scheduled throughout the year at our regional Corning training facilities in North Carolina, Texas, California, New York and at selected locations across the country. To register for a Corning Cable Systems class, call toll free 800-743-2671 and ask for one of our training coordinators or register online at www.corning.com/cablesystems/training. Audio or video recording of any Corning Cable Systems training course is strictly prohibited.



In-class Case Studies Put Design Training to Use in the TS FSD 400 Design Course | Photo LAN160

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Connectorization methods for field-installable connectors, pigtails and preconnectorized assemblies

ANSI/TIA/EIA-568-B structured cabling standard

Complete telecommunications standards and subcommittees update

Ethernet, GigE and 10 Gigabit Ethernet

FDDi, Fibre Channel and ATM

Voice network design and cabling considerations

Security, conference and video operation and design

Network cabling design integration for campus building and backbone

Data center anatomy, function and design

Main, intermediate and horizontal cross-connect layout and functionality;
equipment room and raised-floor applications

Internetworking components, concepts and design considerations

Logical network topologies

Optical testing measurements, guidelines and equipment

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