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In today's fast-paced and ever-changing work environment, public safety professionals must stay up to date with the latest methods and techniques in the field. Recognized as the industry standard, an IMSA certification shows your commitment to professional development while validating your expertise in the field.

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Since 1896, IMSA has taken the lead on improving and advancing all aspects of public safety to keep our roadways safe. Sign up today and get ready to gear up for success with an IMSA certification.



Scan the QR code for more information and  
to find an exam preparation course in your area.



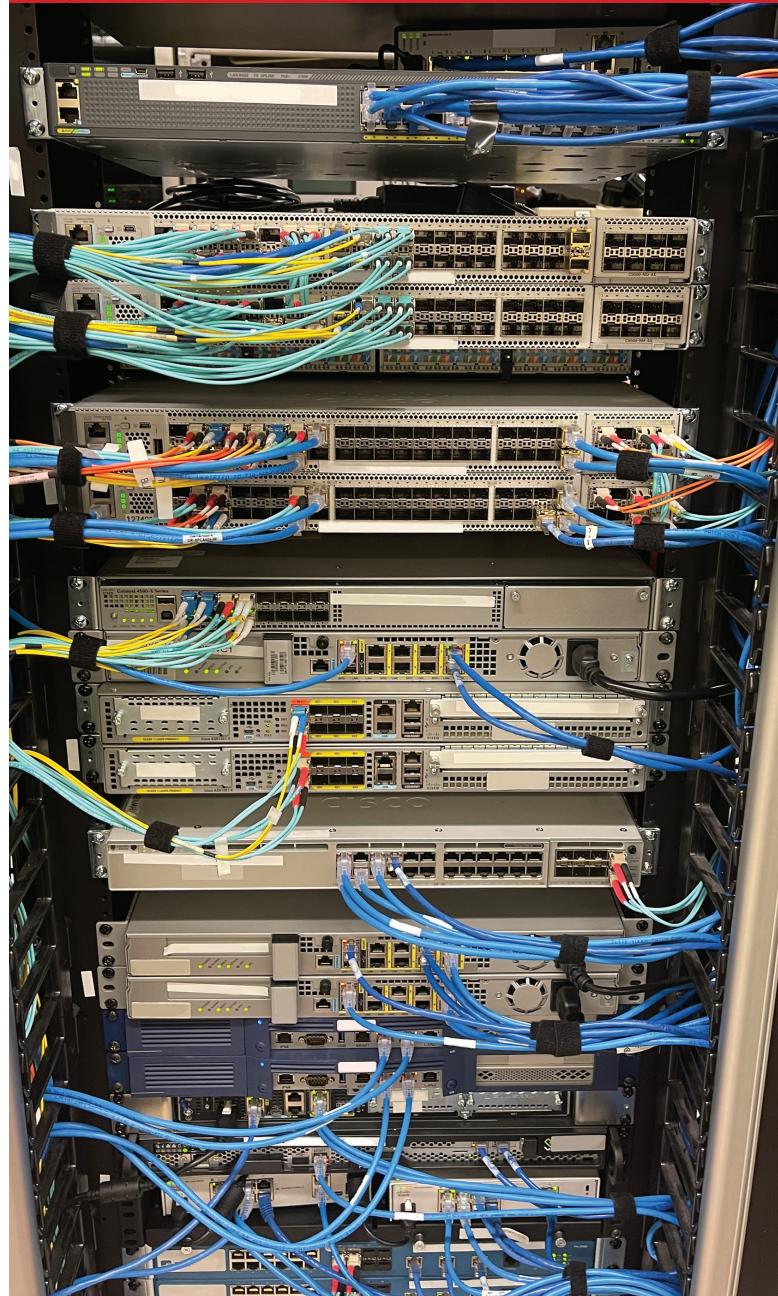
Advancing the Future of Public Safety

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## FIBER OPTICS CERTIFICATIONS



## IMSA/FOA Certified Fiber Optic Technician

**Description:** The IMSA/FOA Certified Fiber Optic Technician for ITS, traffic signal and communication systems is primarily aimed at installers who need the basic knowledge, skills and abilities to install fiber optic outside plant networks properly. The CFOT is a 3-day hands-on training program that takes the student through the basic terminology and theory of how fiber optics systems work through the splicing and testing of fiber optic systems.

**Target Audience:** Those who install fiber optic outside plant networks. Network owners, IT personnel, facilities managers, network designers, estimators and technicians involved in the design, installation and inspection of fiber networks may be interested.

**Prerequisites:** IMSA online self-study fiber optic course; some experience in the field of fiber optics and communications recommended.

**Hours:** 24



## IMSA/FOA Certified Fiber Optic Specialist/Design

**Description:** This fiber optic specialist certification is for technicians involved in the planning, design and management of fiber networks. The certification covers the theory and industry best practices for fiber optic network design and testing of today's complex transportation and Intelligent Transportation Systems (ITS). The certification is recommended for network administrators, designers, project managers, inspectors and installers. Topics covered include introduction to fiber optic network design; overview of fiber optic installations, both outside plant and premises; planning a fiber optic network; choosing components; design review (component compatibilities, power budget, environmental requirements, etc.); testing and documentation and estimating.

**Target Audience:** Those involved in the planning, design and management of installation of fiber networks.

**Prerequisites:** Two years of field experience with fiber optics networks, including documented experience designing fiber optic networks. CFOT Certification is highly recommended.

**Hours:** 24 (in person/online)

