

## BICSI – OSP Designer (OSP 110)

**Length:** 5 Days

**Who Should Attend:** OSP designers, personnel involved in the construction of OSP applications and end users charged with the ongoing maintenance of OSP facilities.

**Summary:** Learn the proper design techniques for underground, direct-buried and aerial cable plant applications.

Gain the knowledge you need to make wise decisions on outside plant (OSP) projects. This 5-day course will cover elements common to all OSP projects, along with design issues related to underground, direct-buried and aerial cable plant.

During this course, you will apply what you have learned through a series of design scenarios such as route design, media selection, planning new OSP cable plant and cost estimation.

This course will benefit you if you plan to make OSP engineering and design your profession.

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## COURSE CONTENT

	PATHWAYS
GENERAL INFORMATION	
	RIGHT-OF-WAY
CODES, STANDARDS AND REGULATIONS	
	SPLICING
BONDING AND GROUNDING (EARTHING)	
	MAINTENANCE AND RESTORATION
DOCUMENTATION	
	COST ESTIMATING
ROUTE DESIGN	
	PON DESIGN
MEDIA SELECTION	
	FREE SPACE OPTICS
CABLING TOPOLOGIES	
	PROJECT DESIGN
SPACES	