

# OSP Project Specialist



**mictseta**  
ACC/2012/05/771

SAQA ID 246719  
NQF Level 04  
Credits 08



- Date/s:** 17 - 20 November 2020
- Cost:** R 8 600.00 p.p. incl. VAT
- Duration:** 4-days
- Time:** 08h30 to 16h30 daily
- Registration:** Please complete and email page-4 to: [registrations@thefibrelab.com](mailto:registrations@thefibrelab.com)  
...or register online at <http://www.tripleplay.co.za/>

**Venue:**  
Dartcom Telecommunications Learning Centre  
Corner of 32nd Street and Sterkfontein Avenue  
Irene GPS -25.904031 & 28.257519



## General Information

Registrations are only confirmed upon receipt of payment and the training fee does not include travel or accommodation.

## About the course

The primary focus of this course is to provide a comprehensive coverage of the best practices for the deployment of optical communication networks.

Trenching, duct installation, air-assisted installation practices, hauling, aerial work practices, and much more is taught with lots of hands-on practice.

Comprehensive hands-on activities and the underlying theory are combined to provide a firm understanding of the concepts underpinning the deployment of optical communication networks.

Also provided is coverage on site management, wayleave applications, health & safety guidelines, quality and environmental management.

## Who should attend?

No previous experience is necessary. This training program is not limited to contractors, installers or technicians - it is an excellent credential for sales and marketing personnel, indicating their comprehensive knowledge of the industry and building confidence in their assistance to their customers.

## The Instructors

Teaching is provided through a mixture of lectures, demonstrations and practical sessions.

Each of the instructors involved with this course have over three decades of optical fibre experience and we welcome the opportunity to share our knowledge, insight and experience with you.

Should you have any questions about the course content, please feel free to contact:

**Joe Botha**

**Mobile:** +27 (0) 82 464 0386

**Email:** [joebotha@telkomsa.net](mailto:joebotha@telkomsa.net)

## Course Content

Theory and Demonstrations	
Introduction to Optical Fibre	Pole Handling PPE
Fibre Geometric Parameters	Transportation of Poles
Cable Jackets	Pole handling
Strength members	Ladder lashing, climbing, safety belt, etc.
Moisture / Water-blocking	Survey Equipment and Tools
Micro ducts	Survey - Gather Route Information
Micro cables	Checks to be undertaken
Colour Coding	Wooden Pole Inspection
Environmental Considerations	Hole-digging Tools
Health and Safety Considerations	Pole Holes
Wayleave's	Poles set in Concrete
Quality	Pole Spacing
Pre-build Procedures	Suggested Aerial Work Practices
Camp Establishment / Holding Area	Selection of Pole and Stay Positions
Trenching	Types of Stays
Sludge Test	Stay Guards
Trench Width	Struts
Pilot Holes	Stay Holes
Location of Services	Stay Spread/Height Ratio
Trench Shoring	Termination of Stay Wire
Notifications	ADSS Installation
Private Property	Power Crossings
Suggested Trenching Practices	Cable Clearance
Barricading	ADSS Installation
Trenching near Paving, Guttering, etc.	Dead-End Sizes
Crossings, River, Bridge and Road	ADSS Terminations and Support Types
Duct Deviation	Dynamometer
Trenching near Power Cables	ADSS Sagging
Steep Gradient Trenching	Cable Slack
Tree Roots	Cable Hauling
Surface material	Pre- Installation Checks
Duct Un-Coiling Installation Process	Duct Rodding
Bedding, Padding and Backfill	Duct Testing and Cleaning
OMC testing	Centre-Pulls and Back-feeding
Trench Compacting	Pulling Tension
DCP Test	Pulling Socks
Direct-Buried Installations	Hauling Rope
Earthing and Bonding	Duct Fill Ratios
Markers	Access Build
Manholes and Handholes	Dolomite (hard rock)
Hand-on Activities	
Directional Drilling	DCP Testing
Reinstatements	Cable Hauling
Pre-installation Cable Testing and Inspections	ADSS Erecting
Cable play-off	Figure-eighting
Air-Assisted Installation Practices	Sagging
DIT Testing	True & false terminations, tangent supports
Cable Blowing Lubricants	Ladder lashing and climbing
Cable Bend Radius	DIT Testing
Figure-eighting	Cable Floating
Micro Duct Tools and Accessories	Retractable Fibre
Aerial Works	Mid Spanning

**Please complete the Registration Form below and submit for invoicing to:  
registrations@thefibrelab.com**

**DELEGATE @ R8 600.00 incl. VAT:**

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Name:

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Name:

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Surname:

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Surname:

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Designation:

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Designation:

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Telephone:

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Telephone:

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Mobile:

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Mobile:

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Email:

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Email:

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Dietary Req:

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Dietary Req:

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Company Name:

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VAT Registration #

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Postal Address:

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Contact Person:

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Telephone:

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Email:

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Authorised Signatory:

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