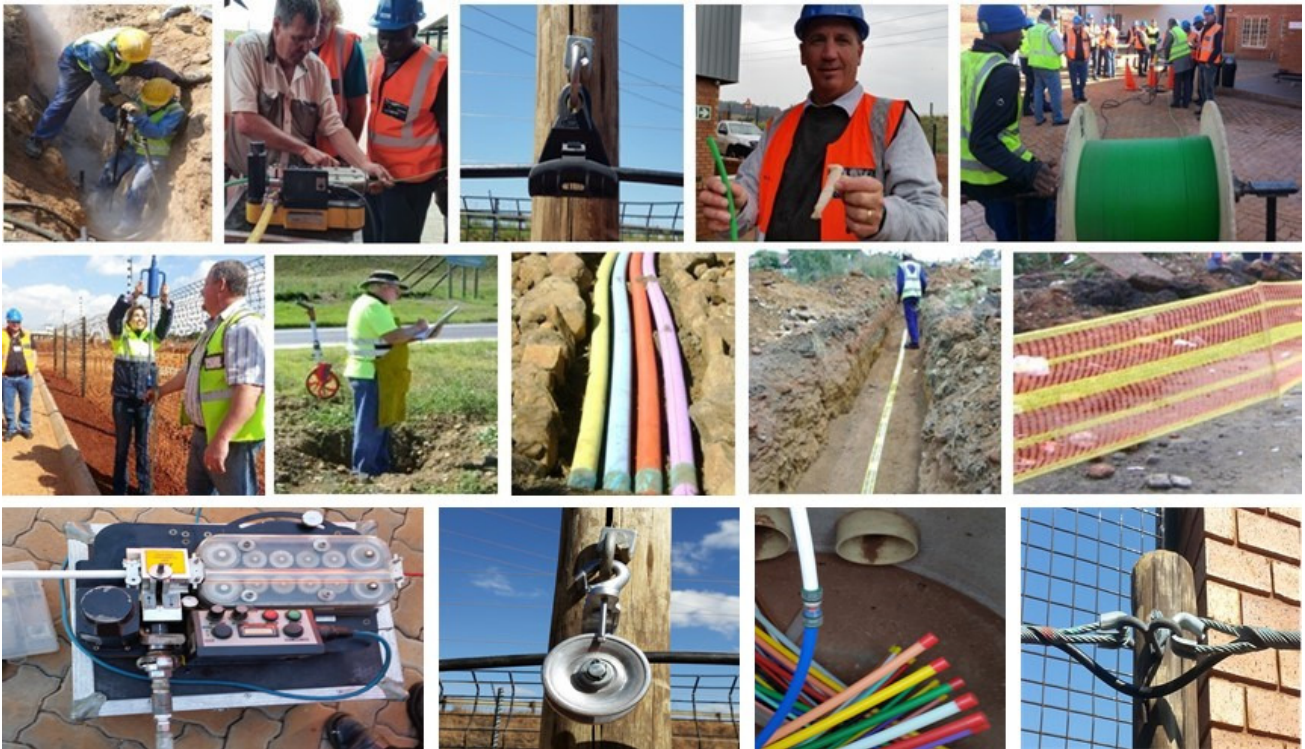


OSP Civil Works Course



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- Date/s:** 21 - 24 Aug and 20 - 23 Nov 2018
- Cost:** R 7 900.00 p.p. incl. VAT
- Duration:** 4-days
- Time:** 08h30 to 16h30 daily
- Registration:** Please complete and email page-4 to: 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, South Africa
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 wayleave applications, health and safety guidelines 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



Course Content

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

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

DELEGATE @ R7 900.00 incl. VAT:

DELEGATE @ R7 900.00 incl. VAT:

Name:

Surname:

Designation:

Telephone:

Mobile:

Email:

Dietary Req:

Name:

Surname:

Designation:

Telephone:

Mobile:

Email:

Dietary Req:

Company Name:

VAT Registration #

Postal Address:

Contact Person:

Telephone:

Email:

Authorised Signatory:

I hereby acknowledge the terms and conditions of this training course and confirm acceptance of the cancellation policy.