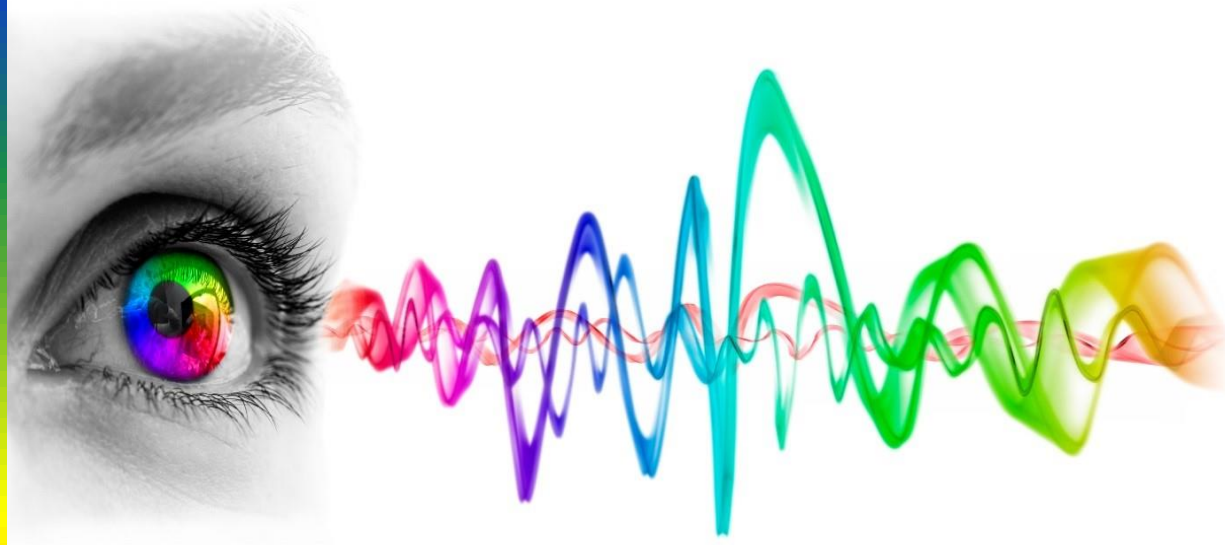
LS telcom

LS Multi Copter Projects and Services (Pty) Ltd

LS of South Africa Training Academy

TRAINING CALENDAR

2025



Your contact:

Dorothea Schutte
Mobile: +27 (0)82 452 6453
Tel: +27 (0)11 958 5153
Email: DSchutte@LSofSA.co.za

LS Multi Copter Projects and Services (Pty Ltd.
131 Gelding Avenue
Ruimsig, Johannesburg
South Africa
E-mail: info@LSMC.co.za
Internet: www.lsmulticopter.com
www.LSOFSA.co.za

LS Multi Copter Projects and Services (Pty) Ltd

Dear Client,

The LS of South Africa Training Academy has developed several training courses in the radio engineering, telecommunication and spectrum management industry as very few courses in this field of industry are available in South Africa and SADC.

The training calendar shown on Page 5, reflects the training dates for the following courses on offer:

BROADCAST

- DVB-T2 Technology
- Broadcast Planning for FM/TV & DTT (using CHIRplus_BC)
- Fundamentals to Broadcast Engineering
- RF Electromagnetic (EMF) Radiation Exposure Measurements
- FM Broadcast Engineering
- FM Radio 101
- Digital Radio Fundamentals
- Digital Video Broadcasting Head-ends
- Theory of Satellite and Digital Television Decoders
- Repair and Replace Broadcast Equipment

SPECTRUM MANAGEMENT

- Spectrum Management
- Spectrum Monitoring
- Spectrum Management, Planning and Spectrum Monitoring
- Spectrum Management, Planning and Foundation of Telecoms Regulations
- Spectrum Analysis Refresher

DIGITAL MOBILE AND MICROWAVE

- Microwave Link Planning
- Introduction to 5G

RADIO NETWORK PLANNING

- Radio Network Planning

REGULATORY AND OTHER

- Foundation of Telecommunication Regulation
- Fundamentals of Networking

The Training Academy is a MICTSETA (Media, Information and Communication Technologies Sector Education and Training Authority) accredited training provider for the following SAQA registered unit standards within the Broadcast Engineering Certificate (SAQA #48792):

- Calculate Interferences for Broadcast Frequencies (#115028)
- Predict Broadcast Signal Coverage (#115032)
- Modify an International Telecommunication Union Assignment Plan (#115034)
- Add New Services to Conditional Access Systems (# 115042)
- Implement Fault-finding techniques in electronic systems (# 115054)
- Operational Principles and Circuit Theory of Satellite and Digital Television Decoders (#115027)
- Repair and Replace Broadcast Equipment (#115041)

Course fees are available on request. Prices vary from individual to groups.

We wish to offer training courses that responds to our client's needs and trust that the training courses would meet your expectations. If you have any questions, please do not hesitate to contact us.

Yours sincerely,

Dorothea Schutte

LS of South Africa Training Academy

LS telcom
LS Multi Copter Projects and Services (Pty) Ltd

INDEX

1 2025 Training Calendar 5
2 Terms and Conditions 8
3 Our Clients 10

1 2025 Training Calendar

The training courses will be provided on the dates indicated below unless otherwise agreed.

LS telcom
LS Multi Copter Projects and Services (Pty) Ltd

LS of SOUTH AFRICA TRAINING ACADEMY

2025 TRAINING CALENDAR

BROADCAST		
TRAINING COURSE	**DURATION**	**DATE**
DVB-T2 Technology (Theory and Practical)	4 days	09.- 12.06.2025
DVB-T2 Technology (Theory and Practical)	4 days	01.- 04.09.2025
DVB-T2 Technology (Theory and Practical)	4 days	03.- 06.11.2025
Broadcast Planning using CHIRplus_ BC	4 days	03.- 06.03.2025
Broadcast Planning using CHIRplus_ BC	4 days	01- 04.07.2025
Broadcast Planning using CHIRplus_ BC	4 days	10.- 13.11.2025
Fundamentals to Broadcast Engineering	1 day	31.03.2025
Fundamentals to Broadcast Engineering	1 day	22.09.2025
RF Electromagnetic Radiation Exposure Measurements	3 days	25.- 27.03.2025
RF Electromagnetic Radiation Exposure Measurements	3 days	17.- 19.06.2025
RF Electromagnetic Radiation Exposure Measurements	3 days	18.- 20.11.2025
FM Broadcast Engineering (Theory and Practical)	8 days	17.- 26.02.2025
FM Broadcast Engineering (Theory and Practical)	8 days	12.- 21.05.2025
FM Broadcast Engineering (Theory and Practical)	8 days	13.- 22.10.2025
FM Radio 101	1 day	30.04.2025
FM Radio 101	1 day	21.08.2025
Digital Radio Fundamentals	1 day	29.05.2025
Digital Radio Fundamentals	1 day	15.09.2025
Digital Video Broadcasting Head-ends	1 day	30.06.2025
Digital Video Broadcasting Head-ends	1 day	22.08.2025
Theory of Satellite and Digital Television Decoders	2 days	10.- 11.03.2025
Theory of Satellite and Digital Television Decoders	2 days	25.- 26.08.2025
Repair and Replace Broadcast Equipment	2 days	29.- 30.07.2025
Repair and Replace Broadcast Equipment	2 days	29.- 30.09.2025

RADIO NETWORK PLANNING		
TRAINING COURSE	**DURATION**	**DATE**
Radio Network Planning	3 days	01.-03.04.2025
Radio Network Planning	3 days	24.- 26.06.2025
Radio Network Planning	3 days	18.- 20.08.2025
Radio Network Planning	3 days	01.- 03.10.2025

LS telcom
LS Multi Copter Projects and Services (Pty) Ltd

LS of SOUTH AFRICA TRAINING ACADEMY

2025 TRAINING CALENDAR

SPECTRUM MANAGEMENT		
TRAINING COURSE	**DURATION**	**DATE**
Spectrum Management	3 days	17.- 19.03.2025
Spectrum Management	3 days	26.- 28.05.2025
Spectrum Management	3 days	14.- 16.07.2025
Spectrum Management	3 days	27.- 29.10.2025
Spectrum Monitoring	1 day	13.03.2025
Spectrum Monitoring	1 day	17.07.2025
Spectrum Management, Radio Network Planning and Spectrum Monitoring	5 days	07.- 11.04.2025
Spectrum Management, Radio Network Planning and Spectrum Monitoring	5 days	08.- 12.09.2025
Spectrum Management, Radio Network Planning and Foundation of Telecoms Regulation	5 days	07.- 11.07.2025
Spectrum Management, Radio Network Planning and Foundation of Telecoms Regulation	5 days	06.- 10.10.2025
Spectrum Analysis refresher course	2 day	07.- 08.05.2025
Spectrum Analysis refresher course	2 day	05.- 06.08.2025

DIGITAL MOBILE AND MICROWAVE		
TRAINING COURSE	**DURATION**	**DATE**
Microwave Link Planning	3 days	04.- 06.02.2025
Microwave Link Planning	3 days	14.- 16.04.2025
Microwave Link Planning	3 days	12.- 14.08.2025
Microwave Link Planning	3 days	16.- 18.09.2025
Microwave Link Planning (Theory and Practical)	4 days	04.- 07.02.2025
Microwave Link Planning (Theory and Practical)	4 days	14.- 17.04.2025
Microwave Link Planning (Theory and Practical)	4 days	12.- 15.08.2025
Microwave Link Planning (Theory and Practical)	4 days	16.- 19.09.2025
Introduction to 5G	1 day	22.05.2025
Introduction to 5G	1 day	07.08.2025

REGULATORY AND OTHER		
TRAINING COURSE	**DURATION**	**DATE**
Foundation of Telecommunication Regulation	2 days	03.- 05.06.2025
Foundation of Telecommunication Regulation	2 days	27.- 29.08.2025
Fundamentals of Networking	2 days	11.- 12.02.2025
Fundamentals of Networking	2 days	22.- 23.07.2025

2 Terms and Conditions

Scheduled Training Course

The LS of South Africa Training Academy provides scheduled training courses as indicated in the Training Calendar. Dates can be rescheduled to accommodate the client's needs.

Customised Training Courses

Training courses can be customised to the client's needs. Full flexibility on course content, duration of course and scheduling of course dates. Customised training can be held at the premises of the Training Academy or at the clients preferred choice of site or venue.

Our classroom training method has also been extended to on-line learning platforms for groups upon request. Learning is therefore no longer limited by distance and travel restrictions.

Training Time Schedule

If not marked differently the training starts at 9:00 am and ends at 5:00 pm.

Course Fee

1. Course fees are available on request. Prices vary from individual to groups.
2. Register 5 or more delegates for one training course and receive discount.
3. Each price is quoted in South African Rand and exclude Value Added Tax (VAT) for South African customers.
4. The course fee must paid in full (unless expressly agreed otherwise) latest 10 working days prior to the course start date in order to guarantee a seat.
5. Delegates are not allowed to attend courses if payment has not been made.
6. The course fee includes course material, refreshing beverages, snacks and a **light lunch** during training courses.
7. Travelling costs, accommodation and living expenses for the delegates are not included.
8. Prices are exclusive of all taxes, fees, levies, customs duties raised outside South Africa.
9. All additional costs for training at locations other than at the LS of South Africa Training Academy will be borne by die client.

Banking Detail:

Supplied on Tax Invoice.

Application

1. A Learner Admission Application form must be completed and returned to the LS of South Africa Training Academy latest 21 working days prior to the training course start date.
2. Once delegate is notified of his/her acceptance to enrol, the delegate must complete the registration form and return it by e-mail to the LS of South Africa Training Academy latest 15 working days prior to start date of the course.

Minimum number of attendees

LS of South Africa Training Academy reserves the right to change the course date or cancel the course if the number of delegates is insufficient.

Language

The courses will be held in English unless stated otherwise. The course documentation is in English.

Certificates

Certificates of participation will be awarded to all those who complete a course.

Location

The scheduled courses are held at the LS of South Africa Training Academy in Ruimsig, Johannesburg, South Africa, unless stated otherwise. Training courses are offered on-site by special arrangement.

Data protection

As an attendee you agree that we keep and process your personal data to manage and administer the training course and to keep you informed of future training courses on offer.

COVID-19 policy

All COVID-19 health and safety protocols and measurements are applied at the training academy.

Withdrawal policy

1. Cancellations may be made free of charge up to 13 working days prior to the start of the training course.
2. After this time, a cancellation charge of 80% of the course fee applies. Withdrawals must be confirmed in writing prior to the course start date, otherwise the full amount will be due.
3. Substitutions may be applied for in writing 5 working days prior to the course starting date.

Disclaimer

1. The LS of South Africa Training Academy reserves the right to change or cancel any part of its published programme due to unforeseen circumstances.
2. Your registration alone does not constitute a binding agreement and requires our written approval which regularly can be assumed by our invoice.

3 Our Clients