



CONNECTIVITY | INFRASTRUCTURE | COMMUNICATION | SECURITY

# Wireless Networking

Wifi / Wimax / GigaLink / Free Space Optics training

## Welcome Note

Dear Valued Customer,

Thank you for your interest in KITS technologies.

Throughout the year, KITS Technologies offers latest and relevant ICT industry leading technology-focused technical trainings. These technical Hands-on courses are geared towards maximizing the benefits of choosing IT / Telecoms as career. These classes are taught by experienced professionals / ICT trainers and have technical focus. Whether you are thinking of building a career in IT/Telecoms, or you are already in the industry, you will benefit tremendously from attending these specially designed technical classes.

The courses are aimed at boosting and complementing theoretical knowledge with real practical knowledge which has today become a major requirement for any ICT job globally and Nigeria in particular. KITS TECHNOLOGIES desires to empower the computer- biased growing youths of the Nation with necessary ICT skills required to make them partake in the present global knowledge -based economy. Young fresh graduates are expected through this FREE program, to acquire the required skills necessary to start a career in the vibrant IT/Telecoms industry. Equally, technicians and those who intend to switch to IT/Telecoms Industry will have the 'rare' opportunity to acquire necessary skills to upgrade their competencies and add substantial value to their productivity as ICT professionals.

This unique gesture is coming as part of KITS contribution to our national IT / Telecoms advancement and ICT penetration. KITS is not limiting attendance to fresh graduates, as Network Engineers, Project managers, Technical Directors and Managers, System Engineers & Field Integration Engineer including software engineers; seeking to complement theoretical knowledge with real practical ICT knowledge would benefit tremendously from attending these specially designed technical classes.

The program is packaged and customized in scope and content to suit the needs of beginners to intermediate level Engineers to become expert professionals in IT/ Telecoms engineering.

Please visit our website ( [www.kits.ng](http://www.kits.ng) ) regularly for updates as new ICT courses will be added from time to time as the industry is changing by its dynamic nature.

Best Regards

**KITS Technical Education Team.**



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## Wireless Networking - Wifi / Wimax/ GigaLink / Free Space Optics training

RF and Radio Technology Fundamentals, Standards and Technical Concepts - PTP, PTMP, LOS, Polarization, RF propagation, Fresnel Zone etc.

Wireless communication techniques

WAN Fundamental Technical Concepts

Distance Calculation, Distance Planning: - system gain and fade margin – EIRP

Repeaters and Hub design

Wireless system availability

Understanding Antennas/ Gain

WAN Site Survey, Installation and Configuration techniques

System Security and Quality of Service

Sources, causes and effects of RF interference

Link Budget Calculation and Throughput

GigaLink and TeraOptic

Access point and Client Radio implementation, SSID, Rogue AP, VLAN etc.

Wireless Mesh techniques

RF Safety

Local radio regulations - licensed and license-exempt bands

Business Applications – Wireless Hot Spot, Last mile access, Wireless Backhaul, Mobile solution, Surveillance- Public Safety, WISP, MAN /

WAN etc

### This course should be attended by:

- Technical Directors and Managers
- IT/ Telecom Engineers & Field Integration Engineer/ Technicians
- Decision Makers, Entrepreneurs, Venture Capital
- ISP/Cyber café managers
- ICT Engineers / Technicians / ICT Consultants, Young fresh graduates etc.

### COURSE PACKAGE

The comprehensive package includes:

- 2 days course with lectures and practical
- Refreshments and Lunches
- Comprehensive course notes and manual
- Certificate of recognition upon completion of the course

### COURSE OVERVIEW

#### Day 1

- Instructor led class work with PowerPoint presentation covering the Theory of Wireless implementation

#### Day 2

- Practical Wireless Implementation
- Closure and Certificate handout

### LOCATION

- 1 - ICT Center 63b, Coker Road, Ilupeju Lagos, and
- 2 - 100, Zoo Road - Kano

### Cost = F R E E

- N45,000

### Registration:

0802 321 3558, 0803 406 501

follow link to see 2016 Calendar

[http://kits.ng/wp-content/uploads/2016/03/ktep\\_calendar\\_2016.pdf](http://kits.ng/wp-content/uploads/2016/03/ktep_calendar_2016.pdf)





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## PAYMENT

Thank you for your interest.

Registrations are not considered effective until all payments are made.

To make payment, please visit any branch office of the following banks and make your payment to the following accounts:

BANK	ACCT NAME	ACCT. NUMBER
ACCESS BANK PLC	KITS TECHNOLOGIES LTD	0059720821
FCMB	KITS TECHNOLOGIES LTD	2083745017

When payment is made, please send us your payment detail by mail as shown below. Once your payment is confirmed, usually within 24 hours, your registration is completed and a space would be reserved for you.

### PAYMENT DETAILS:

Delegate Name.....  
 Bank Name.....  
 Branch.....  
 Date Paid:.....  
 Amount Paid.....  
 Teller Number.....

### Optional Payment Information

- If you wish to pay via cheque or bank draft, you will need to structure payment to be cleared before training date



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## KITS TECHNOLOGIES

KITS TECHNOLOGIES offer solutions that address business problems. Our aim is to provide total end-to-end solution from hardware to software covering data, voice and video Networks. Our team of professionals are experts with extensive experience in designing, implementing and advising clients on ICT solutions which include; ISP setup, Satellite networking & Direct satellite "Broadband" Internet (VSAT), Fiber optics project implementation, Wireless Networking, Structured Cabling system development & implementation, Remote Access solutions, Routing & Switching, Network Administration & Management, Surveillance engineering - Premises Access control /restriction solutions, Systems specification / integration & System engineering, Voice Over Internet protocol (VoIP), Internet & Internet engineering, Wide Area Networking, Network security & Monitoring, VPN, High-end Server implementation, Data Management, protection & recovery solutions, UNIX system engineering as well as UNIX networking, Software Solutions - development & implementation, website design & hosting, ICT consultancy and professional training.

### The Mission

KITS TECHNOLOGIES mission is "to maintain ICT professionalism in deploying our products and services with focus on INTEGRITY, EXCELLENCE and AFFORDABILITY" Therefore, KITS TECHNOLOGIES plans to position itself as a center for international and local contacts, for project development & implementation as well as center for transfer of knowledge, experience and expertise.

Best regards

### TECHNICAL TRAINING TEAM

KITS TECHNOLOGIES LIMITED

...your kited ICT partner

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Whatsapp: 08182365832, 08182365832



<http://kits.ng/wp-content/uploads/2016/01/nccextols-1.pdf>