Telecom Courses

www.eogogics.com
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info@eogogics.com
Sharpen your team’s tech edge with a tailored (at no extra cost) class taught by a Best-in-Class Eogogics instructor.

We offer the 500+ courses shown on our website and many more (just tell us what you need).

We also consult (technical, soft skills) and publish market research on telecom and engineering.
Why Eogogics?

Cutting-Edge Courses

- **500+ specialty courses** based on first-hand tech experience*, many available only from us
- Customized to your technical needs; synched with state-of-the-art and industry best-practices
- Balanced mix of theory and practical know-how

*The Eogogics team has been involved in ground-breaking technology projects worldwide for 25+ years!

Best-in-Class Instructors

- **Subject Matter Experts:** High degrees *plus* 25+ years as Subject Matter Experts in the real-world
- **Distinguished Resumes:** Patents, publications, conference presentations, awards, honors
- **Outstanding Presenters:** Dynamic, entertaining, engaging .... with a passion to share knowledge!

To “wow” your clients, you need to “hire wow”... That’s what WE do!

Join a Distinguished Clientele that includes Fortune 100/500 companies and major government agencies!
Our classes rate good-to-excellent, all clients would recommend us to others, 75% of business from repeats/referrals. [Testimonials. More ...](#)
Power Up with Eogogics!

Click to visit our website's Orientation Page for slideshow, quick links, and more!

www.eogogics.com/introduction/
Market Intelligence Research

Juice up your product/market strategy with our research publications:

500+ publications covering emerging technologies such as:

- 5G Wireless
- M2M Communications
- Internet of Things (IoT), Industrial IoT (IIoT), Internet of Nanoscale Things (IoNT), and related topics
- Artificial Intelligence (AI)
- Big Data
- Cloud Computing
- Smart Homes, Buildings, Workplaces, Factories, and Cities
- Connected Vehicles, Consumer Devices, and Manufacturing
- Virtual Reality, Drones, FinTech ... and much more

Visit our research publications Store
Eogogics Telecom Curricula

5G & M2M, IoT, SDN/NFV, Cloud

4G
LTE and WiMAX

M2M
WiFi, Bluetooth, ZigBee

TETRA, iDEN™

SATCOM

RF
Incl. HF/VHF, Microwaves

Wireless, RF, SATCOM

SDN/NFV, Cloud & General Networking

IoT & IPv6, VoIP, MPLS, SNMP

Optical:
GPON, SONET/SDH, DWDM

SS7, CAMEL, Diameter

TM Forum
Frameworx, eTOM, SID, TAM

SS7, CAMEL, Diameter

Other Telecom
Wireless: 5G Wireless, M2M, IoT

5G Wireless Technology

Days, Title (click to view course outline)

4 5G Wireless Training: Layers 1, 2, 3
3 5G Wireless Priority Services Training
5 Evolution of LTE to 5G Wireless
5 5G RAN Training: Technology & Planning
5 5G Wireless Technology/Applications
5 All Wireless: 5G, 4G LTE, 3G/2G, M2M, IoT, SDN, WiMAX, Security
4 5G Wireless: Technology & Policy
1 5G Wireless: Federal/Defense Applications

Related Courses

Days, Title (click to view course outline)

5 IoT-enabling Tech.: IEEE 802.15.4, WLLN, ZigBee, WAVE, Next Gen WiFi
3 M2M Training: Machine-to-Machine Communications and Machine Learning
2 M2M Course with IoT and LTE
2 WiFi Training in Depth: Technology, Security, Deployment ... with M2M, IoT, 5G
3 IoT Training: In Depth
1 Internet of Things: IoT & IoT Security Training
2 Internet of Things (IoT): IoT Workshop
1 Internet of Things (IoT): IoT Overview
1 SDN: Software Defined Networks
2 SDN/NFV: Software Defined Networks & Network Functions Virtualization
2 Cloud Computing In-Depth: Evaluation, Design, Implementation
Wireless: 4G LTE and WiMAX

LTE Courses

Days, Title (click to view course outline)

5 LTE & LTE-A RAN Design & Optimization
4 LTE / LTE-A Deep Dive: RAN and Core
4 LTE-A: Release 10, 11 & Beyond
3 VoLTE (Voice over LTE) and Alternatives
4 LTE & IMS Interwork
4 LTE: Emergency, Priority Access, Public Safety Support
5 3G/LTE Performance Analysis & Optimization
5 LTE/HSPA Intertechology Optimization
2 LTE & UMTS/HSPA Location Based Services for E911
3 LTE Tutorial
2 LTE Technology & Business
2 LTE/SAE Fundamentals
4 LTE Functionality
3 LTE/SAE Technology
5 LTE Network Planning
5 LTE: RF Network Design
4 LTE Optimization
4 LTE Air Interface Techniques
3 LTE Signaling
3 LTE/SAE NGN Transport

WiMAX Courses

Days, Title (click to view course outline)

3 WiMAX – Comprehensive
2 WiMAX
3 WiMAX & Mobile WiMAX
3 WiMAX Traffic & Capacity Engineering
5 WiMAX/Mobile WiMAX Planning/Optimization

Related Courses

Days, Title (click to view course outline)

5 All Wireless: 5G, 4G LTE, UMTS, GSM, WiMAX, CDMA, M2M, IoT, SDN, Security
2 IMS – Comprehensive
2 Traffic Engineering – Multimedia Networks
2 VoIP

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M2M, IoT, and Related Courses

Days, Title (click to view course outline)

5 Wireshark Training: Advanced Network Analysis and Troubleshooting
5 IoT-enabling Technologies Training: IEEE 802.15.4, WLLN, ZigBee, WAVE, Next Gen WiFi
3 M2M Training: Machine-to-Machine Communications and Machine Learning
2 M2M Course with IoT and LTE
3 IoT Training: In Depth
2 Internet of Things (IoT): IoT Workshop
1 Internet of Things: IoT & IoT Security Training
1 Internet of Things (IoT): IoT Overview
2 Cloud Computing Training In-Depth: Evaluating, Designing, and Implementing Cloud Solutions

Bluetooth, WiFi, and ZigBee Courses

Days, Title (click to view course outline)

3 BLE: Bluetooth Low Energy Training
4 Bluetooth Course: Operation, Security, Applications, Coexistence
5 Bluetooth in Depth
2 WiFi Training in Depth: Technology, Security, Deployment … with M2M, IoT, 5G
2 WiFi Hands-on
1 WiFi for Managers
4 Metropolitan WiFi
2 ZigBee Hands-on
iDEN™ and TETRA Courses

Days, Title (click to view course outline)

3 TETRA Overview
3 TETRA Performance and Optimization
7 TETRA in Depth with RF Basics
3 TETRA
4 iDEN™
2 Traffic Engineering – Multimedia Networks
Satellite Communications Courses

Days, Title (click to view course outline)

5 Satellite Communications: Earth Station Design & Analysis
2 Satellite Communications: Commercial, Military
1 Satellite Communications for Managers
1 VSAT Design, Installation, Program Management

Related Courses

Days, Title (click to view course outline)

1 Antennas
3 RF Systems
4 RF for Technicians
2 Traffic Engineering – Multimedia Networks
RF, HF/VHF, and Microwave Systems Courses

Days, Title (click to view course outline)

4 IEEE WCET Exam: RF Propagation, Analysis, Design
5 RF for Land Mobile & Public Safety Radio
3 RF Systems
4 Radio Systems Analysis & Design
4 RF for Technicians
2 RF Propagation, Fading, Link Budget Analysis
2 Microwave & Fixed LOS Link Design
8 Microwave Engineering – Comprehensive
4 Microwave & Fixed LOS Link Design in Depth
1 Antennas
1 HF Communications
4 Signal Processing

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Courses: IoT, Blockchain, Other New Tech

Days, Title (click to view course outline)
1 Blockchain: Distributed Ledger Technology Overview
2 IoT Training: In Depth
1 Internet of Things (IoT): IoT Overview
1 Internet of Things: IoT & IoT Security Training
2 Modern Telecommunications Overview

Courses: Networks (General)

Days, Title (click to view course outline)
2 Cyber Security & Cyber Warfare
2 Cyber Space & Cyber Conflict Policy
2 Traffic Engineering – Multimedia Networks
2 Traffic Engineering – Voice/Data
3 Economics for Telecom Engineers
3 Network Security
5 Networking Principles
5 Switching/Routing
2 Ethernet OA&M
2 ATM Advanced
3 ATM

SDN, NFV, Cloud Computing Courses

Days, Title (click to view course outline)
2 SDN/NFV: Software Defined Networks & Network Functions Virtualization
1 SDN: Software Defined Networks
2 Cloud Computing Training In-Depth: Evaluating, Designing, and Implementing Cloud Solutions
3 Cloud Computing Standards & Protocols
3 Cloud Computing Security
IoT, IPv6, VoIP, MPLS, SNMP

M2M, IoT, and Related Courses

Days, Title (click to view course outline)
5 Wireshark Training: Advanced Network Analysis and Troubleshooting
5 IoT-enabling Technologies Training: IEEE 802.15.4, WLLN, ZigBee, WAVE, Next Gen WiFi
3 M2M Training: Machine-to-Machine Communications and Machine Learning
3 M2M Course with IoT and LTE
3 IoT Training: In Depth
2 Internet of Things (IoT): IoT Workshop
1 Internet of Things: IoT & IoT Security Training
1 Internet of Things (IoT): IoT Overview
2 Cloud Computing Training In-Depth: Evaluating, Designing, and Implementing Cloud Solutions

IP and Mobile IP Courses

Days, Title (click to view course outline)
3 TCP/IP Networks Overview
2 TCP/IP Networks: Advanced Topics
1 TCP/IP Short-course
5 IP Networks – Comprehensive
2 IPv6 Implementation
2 IPv4/v6 and Migration
2 TCP/IP & Mobile IP
2 TCP/IPv6
2 Mobile IP

MPLS Courses

Days, Title (click to view course outline)
2 MPLS
2 MPLS Applications
1 MPLS Short Course
2 MPLS: Engineering, Applications, QoS

Courses: IMS, SIP, VoIP, EoIP

Days, Title (click to view course outline)
2 IMS – Comprehensive
4 LTE & IMS Interwork
5 Everything over IP (EoIP)
2 VoIP
2 VoIP Security
1 VoIP for Managers
3 SIP Architecture & Security
5 Convergence+

SNMP Courses

Days, Title (click to view course outline)
3 SNMP
1 SNMPv3 – Secure SNMP
1 SNMP Agent Development

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Courses: CAMEL, SS7, Diameter

Days, Title (click to view course outline)

3 CAMEL
3 CAMEL – Advanced
4 Diameter Protocol
2 SS7/C7 Overview
3 SS7/C7 Protocols/Operation
4 SS7/C7 in Depth
Courses on Optical Networks: GPON, SONET/SDH, DWDM

Days, Title *(click to view course outline)*

5 GPON Backhaul Training for LTE-5G Networks
4 LAN Systems and SONET/SDH
2 SONET/SDH Technology & Design
4 SONET/SDH – Advanced
2 DWDM – Introduction
2 DWDM – Advanced
2 Optical Networking for Managers
3 Fiber Optics (LightMASTER) Training
Courses: TM Forum Frameworx, eTOM, SID, TAM

Days, Title (click to view course outline)

1  SID Overview
3  eTOM & SID Workshop
3  Frameworx: eTOM, SID, TAM
1  Frameworx & eTOM Overview
Lot More Info at Your Fingertips

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- Visit the Offerings page to download brochures and catalogs and learn more about our consulting services
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Call us for a free 30-minute consultation with a Subject Matter Expert today!

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