Telecom Courses

eogogicsinc

Knowledge That Powers Organizations!

www.eogogics.com

+1 703-345-4375

1 (888) 364-6442

info@eogogics.com

Welcome to Eogogics!

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 …

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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]

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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

Other Telecom {

SDN/NFV, Cloud & General Networking	IoT & IPv6, VoIP, MPLS, SNMP	SS7, CAMEL, Diameter
Optical: GPON, SONET/SDH, DWDM	TM Forum Frameworx, eTOM, SID, TAM	

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 Intertechnology 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

Wireless: M2M, Bluetooth, WiFi, ZigBee

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

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Wireless: iDEN™, TETRA

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

SATCOM

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 Systems

RF, HF/VHF, and Microwave Systems Courses

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

4 IEEE WCET Exam: RF Propagation, Analysis, Design
3 IEEE WCET Exam: Wireless Access, Network Architecture, Management, Security, Facilities
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

SDN/NFV, Cloud, General Networking

Courses: IoT, Blockchain, Other New Tech

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

1 Blockchain: Distributed Ledger Technology Overview
3 IoT Training: In Depth
2 Internet of Things (IoT): IoT Workshop
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
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

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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SS7, CAMEL, Diameter

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

Optical: GPON, SONET/SDH, DWDM

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

TM Forum Methodologies

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

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Lot More Info at Your Fingertips

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Even easier, call +1 703 345-4375 (US, 1 888 364 6442) or email info@eogogics.com

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