

Summer Training Programs at WE

Contact Information

For any additional information /or registration, please do not hesitate to contact us.

Marketing Department - Training and Development Sector

Tel : 24055708 - 23129028 - 01550001181

Fax : 24055720

Email : marketingdept@te.eg

Facebook: @Telecom.Egypt.Training.Sector

Address : 5 Al-Shaheed Street , 6 th District , Nasr City

We look forward to your registration.

Strict COVID-19 precautions will be adhered to at our venues.

Thanks & Best Regards

Amira Ahmed Mahmoud

Head of Executive & Follow Up Section

Marketing Department

T&D Sector - WE

Tel: +202 24 05 57 08

Fax: +202 24 05 57 20

amira.hassan@te.eg

www.telecomegypt.com

Ps : Please consider the environment before printing this email

Package 1:

We are pleased to announce the start of our Transmission Way To The Future Package at WE – T&D Sector during Summer Vacation 2022.

The below is the training detailed information:

Target Audience:

Post / Undergraduates of Communication Engineering Dept.

Transmission Way To The Future Package Outline:

- Optical Fiber
- SDH
- DWDM

5 Days Theoretical + 4 Practical Training + 1 Day Site Visit (10 days).

How to apply:

- A copy of university ID year 2022
- A copy of national ID
- A copy of your birth certificate plus an official letter from workplace (If parents are WE member)

Training Advantages:

- We are an active member of the International Telecommunication Union (ITU).
- Field training.
- Up to Date transmission laboratories equipped by modern optical fiber splicing machines (Sumitomo - Fujikura) & measuring instruments (OTDR – Power Meter - Wavetek).
- Expert certified instructors in their fieldwork.
- Accredited certificates by the Ministry of Communications & Information Technology.

Fees:

1500 L.E Graduates – 1200 L.E Students& Fresh Graduates 2022 .

Start Date :

21-8-2022



قبل أي حد

Training Announcement

Transmission Way to the Future Package (Practical & Site Visit)

Course Content

- Optical Fiber
 - Fiber Optic Fundamentals
 - Fiber Optic Cables Preparing & Splicing and Measurements
- SDH & DWDM
 - PDH Multiplexing
 - Principles and Characteristics of the SDH
 - Basic Elements of STM-1
 - Mapping, Pointer & Overhead
 - Monitoring, Maintenance and Control in the SDH
 - SDH Protection Features
 - SDH Measurement and testing equipment
 - DWDM Introduction
 - DWDM Linear Effects
 - Non-Linear High-Power Effects
 - Optical Devices & Measurements

Information & Registration

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Package 2:

We are pleased to announce the start of our Communication Systems Training at WE – T&D Sector during Summer Vacation 2022.

The below is the training detailed information:

Target Audience:

Post / Undergraduates of Communication Engineering Dept.

Communication Systems Training Outline:

- Optical Fiber
- SDH
- DWDM
- VSAT
- FTTH Technology

12 Days Theoretical + 3 Days Site Visits + 5 Practical Training (20 days).

How to apply:

- A copy of university ID year 2022
- A copy of national ID
- A copy of your birth certificate plus an official letter from workplace (If parents are WE member)

Training Advantages:

- We are an active member of the International Telecommunication Union (ITU).
- Field training.
- Up to Date transmission laboratories equipped by modern optical fiber splicing machines (Sumitomo - Fujikura) & measuring instruments (OTDR – Power Meter - Wavetek).
- Expert certified instructors in their fieldwork.
- Accredited certificates by the Ministry of Communications & Information Technology.

Fees:

3000 L.E Graduates – 2500 L.E Students & Fresh Graduates 2022.

Start Date :

21-8-2022

Training Announcement



قبل أي حد

Communication Systems Training

(Practical & Site Visit)

Course Content

- Optical Fiber
 - Fiber Optic Fundamentals
 - Fiber Optic Cables Preparing & Splicing and Measurements
- SDH & DWDM
 - PDH Multiplexing
 - Principles and Characteristics of the SDH
 - Basic Elements of STM-1 - Mapping, Pointer & Overhead
 - Monitoring, Maintenance and Control in the SDH
 - SDH Protection Features
 - DWDM Introduction - Linear Effects
 - Non-Linear High-Power Effects - Optical Devices & Measurements
- VSAT
 - Introduction to Satellite Communication & VSAT Network
 - VSAT Applications & Multiple Access Protocols
 - VSAT Network Architecture and Top Level Specifications
 - Ka-band versus Ku-band
- FTTH
 - FTTH Network Structure
 - Evolution of Passive Optical Network
 - Deployment Techniques & Network Planning

Information & Registration

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Package 3:

We are pleased to announce the start of our The Way To 5G & More at WE – T&D Sector during Summer Vacation 2022.

The below is the training detailed information:

Target Audience:

Post / Undergraduates of Communication Engineering Dept.

The Way To 5G & More Outline:

- Introduction of 2G and 3G
- Access network E-UTRAN (eNodeB)
- Evolved Packet Core (MME, HSS, PCRF, Serving gateway, P-Gateway)
- Full network (2G, 3G and 4G Architecture)
- IMS (IP Multimedia Subsystem)
- 5G Architecture Network

(10 days Theoretical).

How to apply:

- A copy of university ID year 2022
- A copy of national ID
- A copy of your birth certificate plus an official letter from workplace (If parents are WE member)

Training Advantages:

- We are an active member of the International Telecommunication Union (ITU).
- Expert certified instructors in their fieldwork.
- Accredited certificates by the Ministry of Communications & Information Technology.

Fees:

1500 L.E Graduates – 1200 L.E Students & Fresh Graduates 2022 .

Start Dates:

21-8-2022

11-9-2022

Training Announcement



The Way to 5G & More

Course Content

- Introduction of 2G and 3G
- Access network E-UTRAN (eNodeB)
- Evolved Packet Core (MME, HSS, PCRF, Serving gateway, P-Gateway)
- Full network (2G, 3G & 4G Architecture)
- IMS (IP Multimedia Subsystem)
- 5G Architecture Network

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Package 4:

We are pleased to announce the start of our Hacking From Beginning To Advance at WE – T&D Sector during Summer Vacation 2022.

The below is the training detailed information:

Target Audience:

Post / Undergraduates of Communication and Computer Engineering Dept.

Post / Undergraduates of Computer Science Faculty.

Or anyone interested in Security.

Hacking From Beginning To Advance Outline:

- Introduction Security
- Information Gathering
- Pre attack phase
- Scanning the Networks
- Enumeration
- Hacking Systems
- Gain Access
- DOS & DDOS
- Malware Threats
- Web Server Hacking
- SQL Injection
- Cross-Site Scripting (XSS)
- Complete Mobile Hacking
- Hacking Mobile devices
- Learn & Understand Buffer Overflow
- Cloud Computing
- IOT Security

How to apply:

- A copy of university ID year 2022
- A copy of national ID
- A copy of your birth certificate plus an official letter from workplace (If parents are WE member)

Training Advantages:

- We are an active member of the International Telecommunication Union (ITU).
- Practical Training.
- Training & Development Sector certified from EC-Council.
- Expert certified instructors from EC- Council in their fieldwork.
- Accredited certificates by the Ministry of Communications & Information Technology.

Fees:

2700 L.E Graduates – 2500 L.E Students & Fresh Graduates 2022

Start Dates:

18-7-2022

1-9-2022

Training Announcement



قبل أي حد

Hacking From Beginning to Advance

Course Content

- Introduction Security
- Information Gathering
- Pre-attack Phase & Scanning the Networks
- Enumeration & Hacking Systems
- Backup and Recovery
- Recovery Manager
- DOS & DDOS
- Malware Threats
- Web Server Hacking
- SQL Injection
- Cross-Site Scripting (XSS)
- Complete Mobile Hacking & Hacking Mobile Devices
- Learn & Understand Buffer Overflow
- Cloud Computing & IoT Security

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Package 5:

We are pleased to announce the start of our Network Training at WE – T&D Sector during Summer Vacation 2022.

If you are interested in computer networks and want to visit one of the highly qualified and biggest data centers in the Middle East, this training is what you are looking for.

The detailed information below:

Target Audience:

Post / Undergraduates of Communication and Computer Engineering Dept.

Post / Undergraduates of Computer Science Faculty.

Or anyone interested in Networking.

Network Training Outline:

- TCP/IP Standard.

- Routing Protocols.

- Switching Concepts.

9 Days Theoretical & Practical (inside lab) + 1 Day Site Visit (10 Days).

How to apply:

- A copy of university ID year 2022

- A copy of national ID

- A copy of your birth certificate plus an official letter from workplace (If parents are WE member)

Training Advantages:

- We are an active member of the International Telecommunication Union (ITU).

- Visiting an innovative, state-of-the-art data center for WE that comprises the world's most sophisticated energy-efficient "green" technologies.

- Fully-equipped labs (Routers, Switches, Access Points & Wireless Bridges, IP Phones).

- Expert CISCO certified instructors in their fieldwork.

- Accredited certificates by the Ministry of Communications & Information Technology.

Fees:

1500 L.E Graduates – 1200 L.E Students & Fresh Graduates 2022 .

Start Date:

21-8-2022

Training Announcement



قبل أي حد

Network Training

(Practical & Site Visit)

Course Content

- TCP\IP Standard
- Introduction to Routing Protocols
- Introduction to Switching Concepts
- Data Center Visit

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Package 6:

We are pleased to announce the start of our CCNA (Cisco Certified Network Associate) at WE – T&D Sector during Summer Vacation 2022.

CCNA (Cisco Certified Network Associate) covers the fundamentals of enterprise networking, including LAN switching, IP addressing, routing, submitting and more. It assesses an individual's ability to deploy, configure, manage and troubleshoot enterprise networks.

It's by default all Communication Engineering students should take this course if they have a desire to become a good network engineers and want to pursue a career in networking field.

The below is the training detailed information:

Target Audience:

Post / Undergraduates of Communication and Computer Engineering Dept.

Post / Undergraduates of Computer Science Faculty.

Or anyone interested in Networking.

CCNA Outline:

- CCNA V.7 Introduction to Networks (ITN)
- CCNA V.7 Switching, Routing and Wireless Essentials (SRWE)
- CCNA V.7 Enterprise Networking, Security and Automation (ENSA)

20 Days Theoretical & Practical (inside CISCO Lab).

How to apply:

- A copy of university ID year 2022
- A copy of national ID
- A copy of your birth certificate plus an official letter from workplace (If parents are WE member)

Training Advantages:

- Labs configured by Cisco (Routers, Switches, Access Point & Wireless Bridge, IP Phone).
- Training system provided by Cisco Academy curriculum.
- Voucher up to 60 % on Cisco international test.
- 3 Cisco attendance certificates plus Thanks Letters for distinguished candidates.
- Expert CISCO certified instructors in their fieldwork.
- Accredited certificates by the Ministry of Communications & Information Technology.

Fees:

2800 L.E Graduates – 2500 L.E Students & Fresh Graduates 2022

Start Date:

21-8-2022



قبل أي حد

Training Announcement

Cisco CCNA (200-301)

Course Content	CCNA V. 7 Introduction to Networks (ITN)
	CCNA V. 7 Switching, Routing and Wireless Essentials (SRWE)
	CCNA V. 7 Enterprise Networking, Security and Automation (ENSA)

- المنهج الجديد المعتمد من أكاديمية سيسكو
- خصم 58% على الإمتحان الدولي
- أكونت رسمي على سيسكو أكاديمي

- Cisco Instructors
- Practical Training
- Cisco Labs , Cisco Routers & Cisco Switches
- Cisco Attendance Certificates & Thanks letter

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Package 7:

We are pleased to announce the start of our Cloud Computing Training at WE – T&D Sector during Summer Vacation 2022 In cooperation with Digital Hub .

The below is the training detailed information:

Target Audience:

Post / Undergraduates of Communication and Computer Engineering Dept.

Post / Undergraduates of Computer Science Faculty.

Cloud Computing Training Outline:

- IT infrastructure
- Traditional Computing
- Virtualization Technology
- Intro to Cloud Computing
- Intro to Compute Virtualization
- Network Basics For Cloud Computing
- Storage Virtualization Basics
- Introduction to Virtualization Features
- Cloud Computing Trends

How to apply:

- A copy of university ID year 2022
- A copy of national ID
- A copy of your birth certificate plus an official letter from workplace (If parents are WE member)

Training Advantages:

- We are an active member of the International Telecommunication Union (ITU).
- Practical Training.
- Expert certified instructors from IBM & Huawei.
- Accredited certificates by the Ministry of Communications & Information Technology.

Fees:

1700 L.E Graduates – 1500 L.E Students & Fresh Graduates 2022

Start Date:

17-7-2022

Training Announcement



قبل أي حد

Cloud Computing Training

Course Content

- IT Infrastructure
- Traditional Computing
- Virtualization Technology
- Intro to Cloud Computing
- Intro to Computer Virtualization
- Network Basics For Cloud Computing
- Storage Virtualization Basics
- Introduction to Virtualization Features
- Cloud Computing Trends

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Package 8:

We are pleased to announce the start of our Artificial Intelligence Training at WE – T&D Sector during Summer Vacation 2022 In cooperation with Digital Hub .

The below is the training detailed information:

Target Audience:

Post / Undergraduates of Engineering Faculty.

Post / Undergraduates of Computer Science Faculty.

Artificial Intelligence Training Outline:

- What is AI ?
- Machine Learning
- Deep Learning
- Python and Mainstream
- Python and Mainstream Development Frameworks for AI
- AI Computing Platform
- AI Platform
- CLOUD in Enterprise Intelligence Application Platform

How to apply:

- A copy of university ID year 2022
- A copy of national ID
- A copy of your birth certificate plus an official letter from workplace (If parents are WE member)

Training Advantages:

- We are an active member of the International Telecommunication Union (ITU).
- Practical Training.
- Expert certified instructors from IBM & Huawei.
- Accredited certificates by the Ministry of Communications & Information Technology.

Fees:

1700 L.E Graduates – 1500 L.E Students & Fresh Graduates 2022

Start Date:

31-7-2022

Training Announcement



قبل أي حد

Artificial Intelligence Training

Course Content

- What is AI ?
- Machine Learning
- Deep Learning
- Python and Mainstream Development Frameworks for AI
- AI Computing Platform
- AI Platform
- CLOUD in Enterprise Intelligence Application Platform

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Package 9:

We are pleased to announce the start of our IOT (Internet of Things) Training at WE – T&D Sector during Summer Vacation 2022 In cooperation with Digital Hub .

The below is the training detailed information:

Target Audience:

Post / Undergraduates of Communication, Mechatronics and Computer Engineering Dept.
Post / Undergraduates of Computer Science Faculty.

IOT (Internet of Things) Training Outline:

- Introduction of IoT
- IoT Architecture
- IoT Environment
- Developing IoT Application

How to apply:

- A copy of university ID year 2022
- A copy of national ID
- A copy of your birth certificate plus an official letter from workplace (If parents are WE member)

Training Advantages:

- We are an active member of the International Telecommunication Union (ITU).
- Practical Training.
- Expert certified instructors from IBM .
- Accredited certificates by the Ministry of Communications & Information Technology.

Fees:

1700 L.E Graduates – 1500 L.E Students & Fresh Graduates 2022

Start Date:

14-8-2022

Training Announcement



قبل أي حد

IoT (Internet of Things) Training

Course Content

- Introduction of IoT
- IoT Architecture
- IoT Environment
- Developing IoT Application

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Package 10:

We are pleased to announce the start of our Data Analytics and Big Data Training at WE – T&D Sector during Summer Vacation 2022 In cooperation with Digital Hub .

The below is the training detailed information:

Target Audience:

Post / Undergraduates of Engineering Faculty.

Post / Undergraduates of Computer Science Faculty.

Data Analytics and Big Data Training Outline:

- Introduction to Business Intelligence and Data analytics
- Starting with Power BI
- Analytics Life Cycle
- Prepare data for analysis
- Model data in Power BI
- Visualize data in Power BI
- Data analysis in Power BI
- Overview of Artificial intelligence
- AI applications in different business fields
- Chatbot practical example
- Programming principles
- Python programming language
- Machine learning and deep learning overview
- Tools for applying machine learning models
- Big Data introduction
- Big Data Industry and Technological Trends
- HDFS - Hadoop Distributed File System
- HBase - Distributed NoSQL Database
- MapReduce - Distributed Offline Batch Processing and Yarn - Resource Negotiator

How to apply:

- A copy of university ID year 2022
- A copy of national ID
- A copy of your birth certificate plus an official letter from workplace (If parents are WE member)

Training Advantages:

- We are an active member of the International Telecommunication Union (ITU).
- Practical Training.
- Expert certified instructors from Huawei.
- Accredited certificates by the Ministry of Communications & Information Technology.

Fees:

1700 L.E Graduates – 1500 L.E Students & Fresh Graduates 2022

Start Date:

28-8-2022

Training Announcement



قبل أي حد

Data Analytics & Big Data

Course Content

- Introduction to Business Intelligence and Data Analytics
- Starting with Power BI
- Analytics Life Cycle & Prepare Data for Analysis
- Model Data, Visualize Data & Data Analysis in Power BI
- Overview of Artificial Intelligence, Ai Applications & Chatbot
- Programming Principles & Python programming language
- Machine learning and deep learning overview & tools
- Big Data Introduction, Industry & Technology Trend
- HDFS - Hadoop Distributed File System
- HBase - Distributed NoSQL Database
- MapReduce - Distributed Offline Batch Processing and Yarn - Resource Negotiator

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