

Telecoms & Tech Academy

DIPLOMA IN TELECOMS TECHNOLOGIES & BUSINESS STRATEGY

Gain the knowledge and skills required to successfully operate in the modern telecoms industry

START DATE: 30TH MARCH 2021



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ABOUT THIS COURSE

The Diploma in Telecoms

Technologies and Business Strategy is a 10-month distance learning programme allowing participants to pursue both technical and strategy-based competencies. The course focuses on how telcos are evolving to meet the challenges presented by digital transformation. Participants study one compulsory module and choose one specialised module, allowing them to customise the course towards areas of interest.

Who will benefit?

This programme is aimed at those wanting to gain an insight into the wide-ranging aspects of telecoms business and technologies, as well as how telcos are evolving to meet the challenges presented by digital transformation. The programme is also ideal for those who have recently taken on a new post and need to develop knowledge and competency in a flexible and comprehensive way, including recent graduates

The programme format

The modular structure allows you to customise the programme to support your aspirations and to fulfill your individual and organisational requirements. You will study one core module, followed by one elective module. Each module is designed to be studied over a period of a month and requires 20 hours of direct learning.

WHAT SETS THIS PROGRAMME APART?



The courses are examined and qualified by the biggest global provider of research, intelligence, events and training to the telecoms industry.



Through our mix of learning delivery methods and support, we keep you fully engaged to ensure you meet the required standard.



Flexible modular course structure allows you to study subjects most relevant to you and your business.



Regular webinars are provided, covering the latest technologies, business processes and industry developments.



You decide where and when to study and then set your own pace.



You will have full tutor support from a dedicated tutor with a wealth of industry experience.

COURSE SUMMARY

Students complete 2 Modules

Core Module (1 module)

Fundamental of Telecoms Business and Technologies

Specialist Modules (Select 1)

Telecoms Technologies for Professionals

Business Strategies for Professionals

Telecoms Technologies and Business Strategies

Managed Learning System
Offers convenient and flexible access to resources such as course material, frequently asked questions, practice examinations and tutor support.

Fully Illustrated Courseware
Soft copy course notes, data and analysis from the Ovum research team, practical exercises and self-assessment tests in preparation for exams.

Tutorials
Regular informal tutorials to discuss the programme, ideas and progress, they give a chance to meet with tutors and other students online

DIPLOMA IN TELECOMS TECHNOLOGIES AND BUSINESS STRATEGY

Video Lessons
Informative videos used to outline key study points and to set the context for study and consolidate ideas, maximising learning and engagement.

Live Webinars
Embrace your learning with live webinars, bringing you the latest technologies and business.

SYLLABUS - Core Module

FUNDAMENTALS OF TELECOMS BUSINESS AND TECHNOLOGIES

Content includes:

Telecoms Business Environment

- Core Business Trends-Fix
- The telecoms operating environment
- Core business trends -fixed
- Core business trends - mobile
- Mobile broadband trends
- Telecoms stakeholder requirements
- Shareholders' expectations
- Customers' expectations
- Third parties' expectations
- The customer service proposition
- Spectrum and infrastructure provision
- Mobile broadband service provision
- The services landscape
- Enterprise services
- The Internet of Things (IoT)
- The consumer sector
- strategic challenges for telecoms operators
- Dealing with current issues
- The future of telecoms
- Effective strategy evolution and alignment

Effective Commercial Performance in Telecoms

- Core Business Trends-Fixed
- Building strategic aptitude
- ICT and digital media - business environment and strategic outlook
- Lean 828 -identifying opportunities
- Successful decision making
- KPIs (Key Performance Indicators)
- Aligning KPIs to strategy
- Cross-functional alignment
- Innovation management
- Effective collaboration
- Building lasting partnerships
- External acumen
- Shareholder management

Telecoms Technologies: A Comprehensive Introduction

- Access Networks
- Key concepts of telecoms networks
- How service trends drive technology
- Telecoms network building blocks
- Transmission technologies
- Manipulating and moving information
- Core networks
- From legacy to next-generation core networks
- Core network control and signalling
- Core networks and mobility management
- Access networks
- Mobile access networks
- Fixed access networks
- Other wired and wireless access solutions
- Network and device intelligence
- Core network platforms and systems
- Mobile device evolution
- Operating systems, clouds, and connected 'things'

Technologies 2025

- Core Network Fundamentals
- The digital world in 2020 and beyond
- The digital imperative
- Telecoms Industry Outlook 2018 - where were at and where we're going
- LTE-what it does now, what it will do in the future
- The importance and impact of 5G
- How 5G will change communications
- The 'cloudification' of the network
- SDN and NFV
- Internet of Things (IoT)
- IoT use cases
- IoT standardisation
- Existing and proposed technologies for IoT
- The business impact of IoT
- IoT security
- Smart cities
- Blockchain -concept, technology, and impact

SYLLABUS - Specialist Modules (select 1)

E1: Telecoms Technologies for Professionals

- Towards 5G: markets and technologies
- Introduction to LTE: markets and technologies
- Access network technologies
- Core network technologies
- Radio Principles

E2: Business Strategies for Professionals

- Developing customer centricity
- Project management in telecoms
- Finance for telecoms professionals
- Business communication for professionals
- How to win at telecoms: management and leadership

E3: Telecoms Technologies and Business Strategies

- Towards 5G: markets and technologies
- Core network technologies
- Project management in telecoms
- Finance for telecoms professionals
- How to win at telecoms: management and leadership techniques

“The program was well structured and the instructional method was excellent...”



HOW TO REGISTER

BROUGHT TO YOU BY THE EXPERTS

Telecoms & Tech Academy is a leading training partner to the telecoms, media and technology (TMT) industries, having trained more than 30,000 professionals and 500 businesses globally.

We were borne out of the telecoms industry and understand the challenges the sector has been facing. Our training portfolio continues to evolve to help address new and emerging skills gaps faced by telecoms & tech businesses. To provide you with leading-edge knowledge, our **learning is influenced** by our partners including Ovum and Google.

What competencies are you looking to build in your teams? Here's a snapshot of where we can help:

Building Technical Skills:

- Big Data, Analytics & Artificial Intelligence
- Network Virtualisation (NFV & SDN)
- 5G Network Technology
- Emerging Services Including: Internet of Things, Smart Cities & Connected Innovation

Telecoms & Leadership:

- Our flagship Telecoms Mini MBA has trained over 15,000+ professionals
- Innovation & Digital Transformation
- Customer Focus



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