Telecoms & Tech Academy

ONLINE ACADEMY

ONLINE ACADEMY TRAINING COURSES

Format:
Online Academy

Duration:
5 Modules

ONLINE ACADEMY

WHAT IS AN ONLINE ACADEMY COURSE?

Online Academy is a new online, interactive and engaging education tool designed to maximise learning for professionals with busy schedules and/or small training budgets.

The Online Academy brings alike professionals together and gives you the opportunity to share ideas and questions via the discussion forum, creating your own professional community. Our on-demand feature means the content is available as and when you need it, allowing greater flexibility to your professional development and learning.

Over 5 weeks participants will learn through:

- 5 modules, split up into multiple bitesize recorded videos
- Revisit the content with unlimited access to all the materials for 2 months
- Access the discussion forum to interact with other students
- Direct contact with the trainer through the forum during the period the course is running
- Additional content such as research materials and white papers available to download

BENEFITS OF ONLINE

Boost your resume — with self-paced learning and advance your career with specialist technical skills

Become part of a professional learning community — discuss any problems with students and the Course Instructor

Convenience and flexibility — Learn whenever you want – from the comfort of your home or office

Cost effective — save on travel expenses, reduce unproductive down time and no crowded airports

Enabled for mobile – make use of downtime with easy bite sized chunks of learning
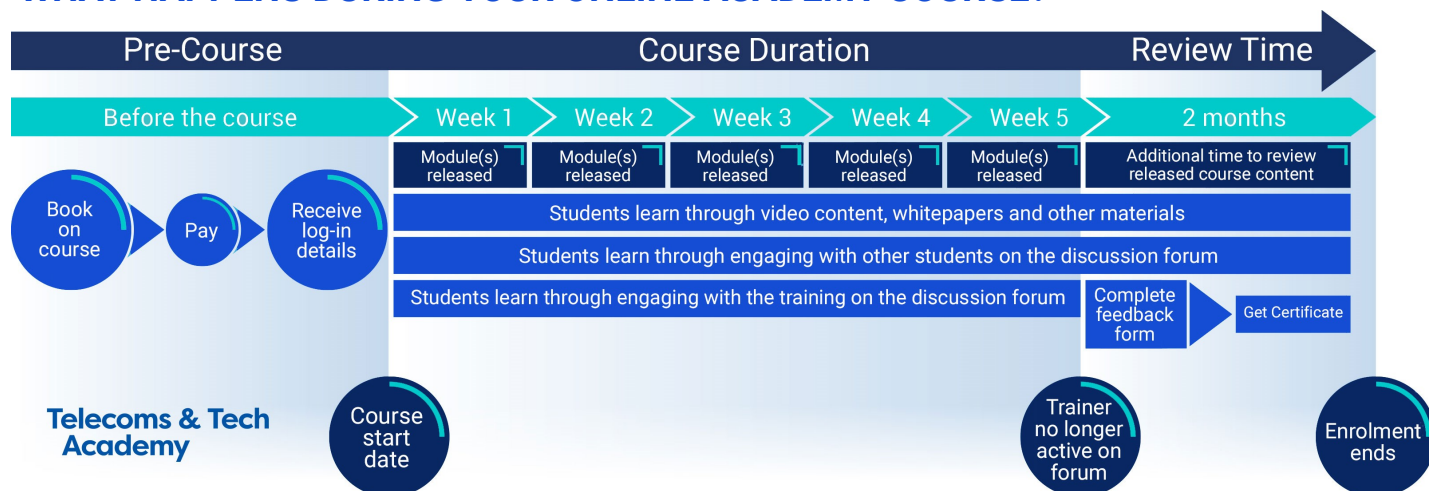
Grow as a team — with multiple licenses your team can access the course and learn together, no matter where they are in the world

Learn and apply right now – immediately implement what you learn during the course

WHAT HAPPENS DURING YOUR ONLINE ACADEMY COURSE?

Pre-Course	Course Duration					Review Time
Before the course	Week 1	Week 2	Week 3	Week 4	Week 5	2 months
	Module(s) released	Module(s) released	Module(s) released	Module(s) released	Module(s) released	Additional time to review released course content

Book on course → Pay → Receive log-in details

Students learn through video content, whitepapers and other materials

Students learn through engaging with other students on the discussion forum

Students learn through engaging with the training on the discussion forum

Complete feedback form → Get Certificate

Telecoms & Tech Academy

Course start date

Trainer no longer active on forum

Enrolment ends

TRAINING COURSES

INTRODUCTION TO 5G

5G represents not only a new generation of technologies that impact the core and access of the operator's network, but also more importantly, a restructuring of the business models leading to many, previously economically inaccessible markets such as IoT/M2M on a much larger scale.

This Introduction to 5G course will help you to understand and define 5G, identify market drivers as well as cover the main 5G technologies and network concepts.

Programme modules:
- Defining 5G, Market Drivers & Use Cases
- 5G Technologies & Network Concepts
- 5G Radio Access Networks & Technologies

SMART CITIES 101

This programme looks at the systems, frameworks, control mechanisms, and technologies behind Smart City initiatives, as well as the opportunities, ecosystems, and the global community behind much of the progress.

Programme modules:
- Defining the Smart City—as a living entity
- Problems to be solved & issues to be addressed
- Technology, Data & Infrastructure
- Strategy, Governance & Industry Support
- Safeguards, Risk & Mitigation

BIG DATA FOR TELECOMS

This workshop looks at the fundamentals of Big Data, taking a step-back and building a foundation which can be leveraged across the business.

Programme modules:
- What is Big Data & interesting versus actionable data
- Big Data & Business Intelligence
- Big Data landscape
- Identification and moving between the phases of analytics in the contest of big data
- Barriers and challenges
- Framework

IOT TECHNOLOGY & BUSINESS

Internet of Things is the next big thing for both operators and associated industries. This programme will focus on current and future business activities and standards activity in the realm of radio access and will provide an overview of the existing and proposed technologies, from Wi-Fi based radio access to 3GPP Release 13 proposals .

Programme modules:
- IoT Overview
- IoT Standardisation
- IoT Enabling Technologies
- Existing & Proposed Technologies
- Spectrum for IoT
- IoT Technologies
- IoT Market Trends & Business Cases
- IoT Business
- IoT Strategy
- IoT Privacy & Security

TELECOMS 101

This programme provides an excellent grounding in Modern Telecommunications, with the basics presented in a clear and easy to understand format. This short training course is aimed at those who are new to telecoms or those non-technical specialists who need refresher training.

Programme modules:
- Introducing the basics: Services, Applications & Transmission Systems
- Switching, Signalling & Supporting Systems
- Techniques used in Fixed Networks
- Techniques used in Mobile Networks
- Datacoms & Internet
- Industry Outlook

TELECOMS MASTERCLASS

This masterclass is a mirror of our face-to-face Telecoms Mini MBA course, and focuses on real business, technology and industry issues. It is designed to give participants a critical understanding of the key competency areas required for organisational and individual success within the modern telecommunications industry.

Programme modules:
- Strategy/Business Environment
- Technology
- Finance
- Leadership & Change Management
- Marketing & Customer Centricity
- Business Simulation

TRAINING COURSES

BLOCKCHAIN FOR MANAGERS

This workshop takes a high-level look at the concept of a blockchain, explores in detail how a blockchain works to provide the trust at the heart of a digital ledger in the case of a digital currency, considers the introduction of smart contracts as an innovation on the blockchain and explores a diverse set of real-world scenarios where blockchain and smart contract adoption is being explored. Finally, the leading commercially applicable blockchain platforms and possible applications thereof are explored.

Programme modules:

- Owning the Blockchain
- The Disruptive Potential of Decentralised Trust
- The Quest for Trust Minimisation
- Commercial Relevant Blockchain Solutions
- Your Blockchain Project
- Real World Examples

LTE TECHNOLOGY

The delegate attending this course will gain a comprehensive appreciation of the architecture and operation of the LTE system including the OFDM based radio interface.

Programme modules:

- LTE Overview
- The Need for LTE & Market Dynamics
- LTE Radio Interface
- Service Architecture Evolution (and the Evolved Packet Core)
- Service Provision in LTE
- 4G—LTE Advanced and Beyond
- Annex: LTE Deployment

PROJECT MANAGEMENT FOR TELECOMS

In this workshop we reveal possible growth within your project by the means of efficiency, structures and improved quality. The workshop focuses on providing an understanding of key technical and management challenges experienced by the Telecoms Project Manager during the projects stages. This workshop is designed specifically to equip you with key resources on Telecoms Projects with the expertise required to complete technology-intrinsic projects.

Programme modules:

- Project Management Objectives
- The Role of the Project Manager
- Develop the Project Brief
- Project Management Planning
- Monitoring and Controlling