

**Telecoms & Tech  
Academy**

# **5G TRAINING SOLUTIONS**

Face-to-Face | Digital | Blended



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# AVAILABLE COURSES

## Face-to-Face & Virtual Classroom

### **MONETISING 5G** (2 or 3-Day)

During this Masterclass, you will explore the realities behind 5G true capabilities and possible business models. You will dive into the blue ocean opportunities underpinning 5G business, as well as the specific revenue options available. You will learn how 5G will support the strategic shift of telecom operators from being predominantly connectivity providers to becoming true enablers of next generation digital experiences. Attend this programme to:

- Master key telco business models and pricing strategies underpinning a profitable 5G network
- Recognise how 5G will differentiate from 4G and why telcos are investing in 5G now
- Understand the changes 5G will create within an organisation in terms of skills and culture
- Analyse and discover the security offered by 5G and its ramifications
- Understand the importance of 5G spectrum and what it means for network rollout, use case scenario and roaming

### **5G NETWORKS: PLANNING, DESIGN & OPTIMISATION** (3-Day)

Through the utilisation of demonstrations, this 3-day programme offers delegates practical insight that will enable them to effectively plan, design and deploy a network to successfully fulfill the requirements set by 5G. Complete this programme and you will be able to

- Understand 5G concepts, enablers and key features
- Explore 5G core architecture and the backwards-compatibility of 5G
- Dive into spectrum, interfaces and coding in 5G New Radio
- Learn how to utilise cluster methods for centralized/virtual radio access planning
- Understand SDN, NFV and cloudification, benefits and user/control plane design
- Delve into IoT, radio access, big data, machine learning and edge computing

### **5G SERVICE PROVISION** (2-Day)

This workshop focusses on 5G strategies, business models, technologies, use cases, and ecosystems and has been designed to assist industry professionals to cut through the hype and understand the reality of 5G service offerings, from both technical and commercial perspectives. Attend this programme and you will be able to:

- The status of the 5G marketplace and the reality of 5G services and service-provision
- Common 5G launch strategies, including pricing models and marketing messages
- Service feasibility and the technology dependencies relevant to those services
- 5G business models and service provider roles
- Key factors that impact strategic debate and contribute actively to technology, financial, management and marketing decisions

# AVAILABLE COURSES

## Distance Learning

### DIPLOMA IN LTE & 5G (10-Month)

The **Diploma in LTE & 5G** is a 10-month distance learning programme providing participants with highly detailed technical and business competencies surrounding LTE & 5G. The course focuses on current and future technologies, services, management techniques, digital transformation and protocol. Participants study 4 compulsory modules and choose 5 specialised modules, allowing them to customise the course towards areas of interest.

#### Who will benefit

This would suit anyone in the telecommunications industry who requires a detailed understanding of the LTE & 5G concepts. The modular structure allows for a good degree of specialisation and allows you to tailor your programme to suit you and your organisation's needs.

#### Programme Modules

##### Core Modules

- Introduction to LTE, 4G and 5G Wireless
- The LTE Air Interface
- Delivering Advanced Services
- The LTE Core Network (Evolved Packet Core)

##### Elective Modules (Select 5)

- LTE Radio Network Planning
- Maximising Performance & Efficiency
- Managing Services, PPC & Billing
- Traffic Engineering, QoS and MPLS
- Operating Effectively in Telecoms
- Marketing Telecoms & Digital Services
- Technology Transformation: Virtualisation, Cloud & Convergence
- Project Management in Telecoms
- Connected TV – IPTV Transmission
- Finance for Telecoms Professionals

#### What sets this programme apart?

- The courses are examined and qualified by Informa Tech, the biggest global provider of research, intelligence, events and training to the telecoms industry
- You decide where and when to study and then set your own pace.
- Flexible modular course structure allows you to study subjects most relevant to you
- We keep you fully engaged to ensure you meet the required standard.
- Regular webinars are provided, covering the latest technologies and business
- You will have full tutor support from a dedicated tutor with a wealth of industry experience

# LIVE VIRTUAL CLASSROOM

## Digital Learning Solution

**All our training programmes are deliverable as engaging online learning courses via our Live Virtual Classroom platform.**

Our cutting-edge instructor-led online virtual classroom solutions offer an engaging and enjoyable experience that replicates our face-to-face training experience to deliver the knowledge and develop the competencies you need to succeed.

Our programmes are designed to ensure an optimal training experience – focusing on practical application of the concepts and topics covered.

We deliver the same market leading programmes online so you can benefit from the flexibility to take the training at a location of your choice without the need to travel!

### Why Choose an Online Learning Platform?

#### Enjoy the same classroom learning experience online

- Benefit from the same quality training programmes at a location of your choice.

#### Minimise downtime with highly impactful training

- Cost effective training that saves on travel expenses and time.

#### Experience an intimate class setting

- Interact with your course tutor and fellow students throughout the course including group exercises, file sharing and live Q&A's.

#### Review the training material after the course

- All sessions are recorded so you can review the material anytime.



# IN-COMPANY TRAINING

## Bespoke Courses For Your Organisation

### Flexible and cost-effective way to upskill teams and develop key competencies across your business

Telecoms & Tech Academy is the leading training partner to the TMT industry, 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 telecoms & tech businesses are facing. To provide you with leading-edge knowledge, our learning is influenced by our partners including Omdia. Whether you'd like to utilise our existing programmes or create a completely customised solution, we've got you covered.

### Flexible delivery methods

Expert insight, delivered in a format to suit your needs, to enhance knowledge and drive performance in your team. We take a consultative approach to learning: our learning & development consultants will work closely with your team to establish your unique business needs and define success measurements.

#### Face-to Face



#### Digital



#### Blended



***"The trainer was very experienced. The Material that was provided was great and we recieved some excellent recommendation on how to handle specific situations."***  
MTN, South Africa

***"Very recommendable course. They provided the expected knowledge with good organisation and continuted learning after graduating."*** Huawei, China

# IN-COMPANY METHODOLOGY

The 6 steps to accelerating your business and up-skilling your teams with the latest knowledge



**For more information, and a free consultation, please contact:**

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# Why choose the Telecoms & Tech Academy?

The Telecoms & Tech Academy have a track record of delivering cutting edge training programmes, helping to deliver growth and success to businesses. With over 20+ years experience and a team of expert researchers, we are able to customise and deliver the most up to date knowledge and skills.

Don't just take it from us, take a look at what our clients say...

“ *The trainer was very experienced. The Material that was provided was great and we recieved some excellent recommendation on how to handle specific situations.* ”  
- **MTN**, South Africa

“ *Very recommendable course. They provided the expected knowledge with good organisation and continuted learning after graduating.* ”  
- **Huawei**, China



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