

Digital Training Solutions

Available as:

- ✓ Live Virtual Classrooms
- ✓ Online Courses
- ✓ Distance Learning Diplomas



Digital Learning Solutions

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.

Cutting-Edge Digital Training for Telecoms & Technology

Expert insight delivered live or on-demand online in a format to suit your needs to enhance knowledge and drive performance in your team. We work closely with our research teams to deliver ground-breaking skills and knowledge you won't find anywhere else.

Why choose a cutting-edge digital learning solution?

- Industry leading knowledge and skills development
- Benefit from the same quality training programmes at a location of your choice
- Minimise downtime whilst retaining highly impactful training
- Interact with your course tutor and fellow students via group exercises, file sharing and live Q&A's
- Revisit training materials after the course completion



**Live Virtual
Classroom**



Online Courses



**Distance Learning
Diplomas**

LIVE VIRTUAL CLASSROOM

Live Instructor Led Training

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 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 a Virtual Classroom?

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.



LIVE VIRTUAL CLASSROOM

OUR PROGRAMMES

Telecoms Mini-MBA (5-Day)

The leading executive 5-day MBA for the telecoms industry, has been attended by over 10,000 professionals from 350 companies worldwide.

Course Modules

- Strategy/Business Environment
- Technology
- Finance
- Leadership & Management
- Marketing/Customer Focus
- Business Simulation

The Business Case for 5G: Maximising ROI (2-Day)

5G is envisioned to be a unifying connectivity fabric that will connect virtually everything around us. During this programme you will explore the realities behind 5G true capabilities and possible business models.

Course Modules

- Business Models & Value Creation
- The 5G B2B Market
- The 5G Consumer Market
- Regional Developments
- Building a Roadmap for Digital

Building a Roadmap for Digital Transformation (3 or 5-Day)

This workshop provides a practical guide and a roadmap for digital transformation. It will help you to find the right balance between technology, strategy, organisation and culture and to commit to a transformation programme that meets your strategic and commercial objectives

Course Modules

- De-mystifying Digital Transformation
- Putting the Customer at the centre of Digital Transformation
- Enabling technologies
- New Business & New business models
- Agile Culture, Organisation, Skills and Leadership

Innovation Mini-MBA (5-Day)

Become a driver for Innovation within your organisation. The Innovation Mini-MBA is a fully immersive learning experience, focusing on deep-dive case studies and experiential engagement.

Course Modules

- Empathize - An introduction to innovation
- Validate & Ideate - Idea generation/selection
- Prototype - Visualisations and business model
- Build - Financials, planning, and metrics
- Pitch - Finalise the story

[Find Out More](#)



LIVE VIRTUAL CLASSROOM

OUR PROGRAMMES

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 5G network

Course Modules

- Expectations on 5G
- Radio Access Architecture
- Backbone and Core I: Software Defined Networking
- Virtualisation
- IoT and Edge Computing
- 5G Security
- Operation, Control and Management

LTE for Mission Critical Networks (2-Day)

Utilising real-life examples through the aid of first-hand deployment accounts and case studies, this programme will look to deliver in-depth understanding on LTE as applied to mission critical networks and guidance on what can be done to prepare for the transition.

Course Modules

- Understanding LTE as applied to Mission Critical Networks
- LTE versus legacy systems and the option of a hybrid solution
- LTE and the evolution of hardware and software for Mission Critical Networks
- First-hand accounts in deploying LTE for Mission Critical Networks
- Mission Critical Features for LTE
- LTE frequency bands and spectrum allocations
- 5G as applied to Mission Critical Networks

IoT Security (1-Day)

This programme offers the opportunity for an in-depth examination of IoT device security, domain security and E2E Architecture. Attendees will leave with a framework for IoT security architecture and an end-to-end view through governance frameworks for this emerging technology.

Course Modules

- IoT Device Security
- IoT Domain Security
- IoT End-to-End Security Architecture

IoT Data Transformation (1-Day)

This course gives you the opportunity to explore the role of data analytics in IoT and find out what are the key steps to maximising the value of data generated from IoT devices.

Course Modules

- Understanding your Data
- Creating an IoT Data Strategy
- Analytics Environment
- Transforming Data into Insights
- Visualising Data

AI Transformation for Telecoms Leaders (1-day)

This course will expose Telecommunications Service providers at the organisational level with the AI foundations, AI frameworks, and AI tools to craft their strategies to ensure delivery of some of their most pressing business concerns.

Course Modules

- Emerging technologies in Telcos
- AI and operations strategy in a digital era: Applications in Telecoms
- Digital Transformation strategies and organisational culture
- Innovation methodologies, building a culture of innovation
- Rapid prototyping leveraging AI

ON-DEMAND COURSES

SELF STUDY LEARNING PROGRAMMES

The Telecoms & Tech Academy online offers interactive and engaging self-study programmes designed to maximise learning. All our programmes are designed for Professionals with busy schedules, travel restrictions or limited training budgets.

Our online programmes bring professionals together, giving you the opportunity to share ideas and questions via the discussion forum creating your own professional community. From the course start date, our on-demand features and content are available as and when you need them, allowing for greater flexibility to your professional development and learning.

Why Choose an Online Course?



100% ONLINE

Course content is totally digital, accessed through your desktop, laptop or mobile.



INTERACTIVE

Cost effective training that saves on travel expenses and time.



ENGAGING

Bitesize videos, articles, exercises, quizzes and digital activities.



SELF-PACED

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



ON-DEMAND COURSES

OUR PROGRAMMES

Telecoms 101

This Online Academy training programme provides an excellent grounding in Modern Telecommunications, with the basics presented in a clear and easy to understand format.

Course 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 Management Essentials

The online masterclass is a mirror of our face-to-face Telecoms Mini MBA course, and focuses on real business, technology and industry issues.

Course Modules

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

Introduction to 5G

5G represents not only a new generation of technologies that impact the core and access of the operator's network.

Course Modules

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

IoT Technology & Business

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.

Course Modules

- IoT Overview
- IoT Standardisation
- IoT Enabling Technologies
- Spectrum for IoT
- IoT Technologies
- IoT Market Trends & Business Cases
- IoT Business & Strategy
- IoT Privacy & Security

IoT Security

This programme offers the opportunity for an in-depth examination of IoT device security, domain security and E2E Architecture. Attendees will leave with a framework for IoT security architecture and an end-to-end view through governance frameworks for this emerging technology.

Course Modules

- IoT Device Security
- IoT Domain Security
- IoT End-to-End Security Architecture

IoT Data Transformation

This course gives you the opportunity to explore the role of data analytics in IoT and find out what are the key steps to maximising the value of data generated from IoT devices.

Course Modules

- Understanding your Data
- Creating an IoT Data Strategy
- Analytics Environment
- Transforming Data into Insights
- Visualising Data

ON-DEMAND COURSES

OUR PROGRAMMES

Introduction to Big Data

The rise in data volumes is often an untapped opportunity for organizations. Despite the increase in volume of data, over 65% of organizations globally are struggling to extract value from their data.

Course 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 context of Big Data
- Barriers and challenges
- Framework to build the business case

Business Innovation

This online course will take you through an innovation process step-by-step, equipping you with practical tools, and providing illustrative case studies of their use.

Course Modules

- Why Innovate
- Empathise and Validate
- Ideate
- Prototype and Testing
- Build
- Embedding Innovation

New Growth Playbook

Realise the potential of platform-based business models to create a new and more sustainable way to grow in the digital economy

Course Modules

- The New Growth Agenda
- Platform, Network & Ecosystem
- Business Model Pioneers
- The New Hybrid Business Model Portfolio
- RENEW

DISTANCE LEARNING DIPLOMAS

10-Month Diplomas Validated by York St John University

The Telecoms & Tech Academy's Distance Learning Diplomas are fully validated by York St John University.

We have a wide range of both technical and business focused diplomas available. Students study 4 core modules and select 5 optional modules that suit their needs. Over the period of 10-months, students study each module completing assessments at the end of each module. Upon completion of the final module, students complete a final assessment to receive their university validated diploma!

All learning is completed online, at a pace that suits the student's needs. Each student receives help, support and guidance from our industry leading course tutors. Students also have access to regular tutorials, webinars and our student forum!

Why Choose a Distance Learning Diploma?



UNIVERSITY VALIDATED DIPLOMA

All diplomas are fully validated by York St John University.



REMOTE LEARNING

Study wherever you like with 24/7 access to course modules and content.



UNMATCHED CAREER DEVELOPEMNT

Gain the knowledge and qualifications to excel in the telecoms & technology industry.



CUSTOMISABLE

The modular structure allows you to choose the topics and areas that interest you.



DISTANCE LEARNING DIPLOMAS

Available Programmes

Diploma in LTE & 5G

(10-Month Course)

This diploma is designed to provide participants with a thorough grounding in LTE and 5G and the many supporting technologies.

Diploma in Telecoms Technologies & Business Strategy

(10-Month Course)

This diploma is aimed at those wanting to gain an insight into the wide-ranging aspects of telecoms business and technologies, as digital transformation.

Diploma in Telecoms Business

(10-Month Course)

This diploma provides participants with the fundamentals skills to thrive within the modern telecoms business environment.

Diploma in Evolving Technologies

(10-Month Course)

This diploma is designed to equip participants with the knowledge and strategic skills required by organizations undergoing an evolution towards the new wave of emerging technologies.

[Find Out More](#)



IN-COMPANY TRAINING

Bespoke Programmes Designed Around Your Organisations Needs

We are able to completely customise programmes to your organisations needs. Whether you'd like to utilise our existing programmes or create a completely customised solution, we've got you covered.

How does it work?



1. Consultation

We will identify specific topics, & skills for development.



2. Develop Content

We will identify & develop content, as well as the delivery method



3. Select Training Team

With over 50+ specialist trainers, we will hand pick a trainer for your chosen topics



4. Delivery

Delivery of the agreed training via our delivery methods



5. Summary Report

Outlining areas of improvement & development



6. Support

Continuous support, feedback and follow ups are provided

Subject areas include:

- Management
- Innovation & Strategy
- Digital Transformation
- Artificial Intelligence
- 5G & Connected Innovation
- 4G & LTE
- Network Technology
- Disruptive Technologies
- Commercial Aspects of Telecoms
- Marketing, Sales & Customer Focus
- Technologies for supporting systems

Delivery methods include:

Face to Face

We'll hand pick a leading practitioner to create and deliver a programme at your location.

Live Virtual Classroom

Deliverable as engaging online learning courses via our Live Virtual Classroom platform.

Digital

We develop specialised online learning programmes using our virtual learning platform

Blended

A mix of online and face-to-face training customised to your requirements