

Register for upcoming courses with ITU, the UN specialized agency for ICTs

Join our courses and expand your knowledge on a variety of ICT related topics with the ITU Academy. To access our complete training catalogue, click [here](#)

1. [SMTP - Advanced spectrum authorization regimes](#)

- Registration: OPENED, 04 Nov 2024 - 28 Jan 2025
- Dates: 03 Feb 2025 - 28 Feb 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: Jmwakijele@afraiti.org
- Price: \$300.00

Advance your expertise in spectrum management with the ITU Spectrum Management Training Programme (SMTP), a high-level learning programme developed by ITU and delivered through its partners. This modular programme covers both theoretical and practical aspects, from basic to advanced levels, catering to regulators, operators, policymakers, and professionals across technical, legal, and economic fields.

2. [Wireless infrastructure deployment and governance: accelerating sustainable connectivity for national development](#)

- Registration: OPENED, 16 Dec 2024 - 01 Dec 2025
- Dates: 10 Feb 2025 - 31 Dec 2025
- Training type: Online self-paced
- Location: Global or multi-regional
- Languages: English, Portuguese, Spanish
- Event email contact: danielnunes@inatel.br
- Price: \$0.00

This online course aims to equip national and local government authorities with the necessary knowledge and skills to foster a technical understanding of the telecommunications sector, specifically focusing on wireless infrastructure deployment. Through an exploration of regulatory and fiscal aspects related to permitting approvals and processes, this course provides a holistic overview of the key principles essential for promoting investment in connectivity and bridging the digital divide.

3. [Smart agriculture: leveraging IoT for agribusiness growth](#)

- Registration: OPENED, 16 Dec 2024 - 01 Dec 2025
- Dates: 10 Feb 2025 - 31 Dec 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: d.danielnunes@inatel.br
- Price: \$79.00

The online IoT course applied in rural areas is a comprehensive program focused on understanding and implementing Internet of Things solutions in the agricultural context. Participants will be introduced to the fundamental principles of IoT and explore its potential via data collection, device connectivity, and sensor application for optimizing agricultural processes.

4. [Satellite coordination procedures and fillings](#)

- Registration: OPENED, 04 Nov 2024 - 03 Feb 2025
- Dates: 17 Feb 2025 - 14 Mar 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: Jmwakijele@afralti.org
- Price: \$300.00

Based on ITU's Radio Regulations, the course aims to provide training in:

5. [SMTP - Opportunistic spectrum access and cognitive radio](#)

- Registration: OPENED, 04 Nov 2024 - 03 Feb 2025
- Dates: 17 Feb 2025 - 14 Mar 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: Jmwakijele@afralti.org
- Price: \$300.00

Advance your expertise in spectrum management with the ITU Spectrum Management Training Programme (SMTP), a high-level learning programme developed by ITU and delivered through its partners. This modular programme covers both theoretical and practical aspects, from basic to advanced levels, catering to regulators, operators, policymakers, and professionals across technical, legal, and economic fields.

6. [The role of standards and interoperability](#)

- Registration: OPENED, 13 Nov 2024 - 02 Feb 2025
- Dates: 24 Feb 2025 - 21 Mar 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: training@afraiti.org
- Price: \$0.00

This course provides a comprehensive introduction to ICT standards and interoperability within ICT systems. Participants will gain an understanding of the organizations responsible for establishing these standards, as well as the national authorities that enforce them. The course will guide participants in self-monitoring practices to ensure compliance with both industry and regulatory standards. Additionally, it will cover the penalties associated with non-compliance and clarify the distinct roles of various stakeholders in the field.

7. [Managing national cyber crises](#)

- Registration: OPENED, 29 Oct 2024 - 20 Feb 2025
- Dates: 25 Feb 2025 - 26 Feb 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: rj@nracs.it
- Price: \$450.00

National cyber crisis management course is the introductory two-day, scenario-based, purpose-built training designed to take attendees to the intermediate level.

The course will include both theoretical and practical components that cover a wide range of topics related to national cyber crisis management. Students will explore the main concepts of cyber crisis management, understand the key roles and responsibilities of key stakeholders involved in national cybersecurity crisis management, including the role CSIRTs.

8. [Infrastructure mapping for school connectivity](#)

- Registration: OPENED, 08 Nov 2024 - 28 Jan 2025
- Dates: 27 Feb 2025 - 28 Feb 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: fns@itu.int
- Price: \$0.00

As part of the project on capacity development to accelerate school connectivity under the umbrella

of the ITU Academy and through the Giga Learning Hub, ITU will host a face to face training to introduce the methodology to measure gaps in ICT infrastructure and for connectivity business planning. It aims to improve the theoretical and practical skills of participants in collecting ICT infrastructure data, identifying underserved areas, applying GIS tools, and using connectivity models to test and compare selected connectivity scenarios.

9. [Informática forense y respuesta ante incidentes](#)

- Registration: OPENED, 12 Dec 2024 - 15 Feb 2025
- Dates: 03 Mar 2025 - 04 Apr 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: Spanish
- Event email contact: ipretel@inictel-uni.edu.pe
- Price: \$0.00

Este curso está diseñado para proporcionar a los participantes los conocimientos y habilidades esenciales en respuesta a incidentes y análisis forense digital. El curso cubre desde los fundamentos de la identificación y preservación de datos digitales, hasta la interpretación de la evidencia en investigaciones legales. Los participantes aprenderán a gestionar de manera efectiva los incidentes de seguridad, identificando amenazas, conteniendo impactos y restaurando sistemas afectados, todo mientras se asegura la integridad de los datos para su uso en procedimientos legales.

10. [QoS technologies and regulation for fixed and mobile](#)

- Registration: OPENED, 15 Nov 2024 - 02 Mar 2025
- Dates: 03 Mar 2025 - 10 Mar 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: s.laskowski@il-pib.pl
- Price: \$150.00

This course focuses on technical, business and regulatory aspects of QoS for Fixed and Mobile Networks. It includes QoS (Quality of Service) and QoE (Quality of Experience) fundamentals by ITU, as well as traffic and QoS management in Internet and IP networks. Further, it includes QoS for fixed ultra-broadband access, including QoS solutions in metallic and optical networks, carrier grade Ethernet QoS, as well as end-to-end QoS. The course also covers QoS for mobile ultra-broadband access, including 4G and 5G mobile technologies and their QoS capabilities and approaches.

11. [Causes and consequences of the digital divide](#)

- Registration: OPENED, 20 Dec 2024 - 23 Feb 2025
- Dates: 10 Mar 2025 - 28 Mar 2025

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- Training type: Online instructor led
 - Location: Global or multi-regional
 - Languages: English
 - Event email contact: cdo@merit.unu.edu
 - Price: \$0.00

Digital technology is becoming important in addressing sustainable development challenges. This course introduces participants to the challenges of digital inclusion, the consequences of digital divides, and the opportunities towards inclusive and equitable digital transformation.

12. [Ecosystem Initiative Development 201](#)

- Registration: OPENED, 29 Oct 2024 - 27 Feb 2025
- Dates: 10 Mar 2025 - 27 Apr 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: innovation@itu.int
- Price: \$0.00

This training course is by invitation only.

13. [Information society principles: towards e-governance](#)

- Registration: OPENED, 18 Jan 2025 - 23 Feb 2025
- Dates: 10 Mar 2025 - 12 Mar 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: anastasiia.dudko@taltech.ee
- Price: \$199.00

The course explains the foundational concepts and components for e-governance interaction in information society. It starts with an introduction to what information society is and how it has established the environment for e-governance development and digital transformation in the public sector. It also introduces the main building blocks of e-governance, their aims, initiatives, and enablers and details how they are related to external subjects and domains.

14. [5G for policymakers and government officials](#)

- Registration: OPENED, 06 Dec 2024 - 23 Feb 2025
- Dates: 17 Mar 2025 - 31 Mar 2025

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- Training type: Online instructor led
 - Location: Global or multi-regional
 - Languages: English
 - Event email contact: danielnunes@inatel.br
 - Price: \$0.00

This course provides a comprehensive overview of 5G technology, its global regulation and applications. Participants will learn about the evolution and key components of 5G, its applications in sectors such as healthcare and transportation, and the regulatory landscape in different regions. The course also covers security and privacy issues, as well as the economic and social impacts of 5G. Case studies will be presented and best practices for effective 5G deployment will be discussed, preparing participants to influence the development of this technology.

15. [Inclusive digital transformation in small island developing states](#)

- Registration: OPENED, 24 Jan 2025 - 02 Mar 2025
- Dates: 18 Mar 2025 - 15 Apr 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: queenie.tam@undp.org
- Price: \$0.00

Digital transformation is a critical enabler for achieving the Sustainable Development Goals (SDGs), particularly in Small Island Developing States (SIDS), where unique challenges and opportunities exist.

16. [SMTP - Spectrum management for HF systems, science, maritime and amateur services](#)

- Registration: OPENED, 04 Nov 2024 - 17 Mar 2025
- Dates: 31 Mar 2025 - 25 Apr 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: Jmwakijele@afralti.org
- Price: \$300.00

This training course focuses on the whole Radio Spectrum ecosystem in general and HF Band use in particular and on the best international practices as far as radio communication is concerned.

17. [Spectrum monitoring techniques and methods \(introductory\)](#)

- Registration: OPENED, 09 Jan 2025 - 17 Mar 2025

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- Dates: 06 Apr 2025 - 10 Apr 2025
 - Training type: Online instructor led
 - Location: Global or multi-regional
 - Languages: English
 - Event email contact: EG-ATRC@tra.gov.eg
 - Price: \$0.00

This training course focuses on equipping participants with foundational knowledge and practical skills in Spectrum Monitoring. It emphasizes the critical role of spectrum monitoring in ensuring efficient use of radio frequencies, addressing interference issues, and supporting regulatory compliance.

18. [Strategic aspects for Internet governance and innovations](#)

- Registration: OPENED, 15 Nov 2024 - 06 Apr 2025
- Dates: 07 Apr 2025 - 14 Apr 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: S.Laskowski@il-pib.pl
- Price: \$150.00

This course covers strategic aspects of Internet governance and innovations, including technical, business and regulatory aspects. It covers the convergence of telecommunications to all-IP, including open Internet used for OTT services and NGN used by telecoms. Such convergence is driven by the development of fixed and mobile broadband (cable, optical, 5G), based on standards. In that way the course further covers broadband strategies and innovations as well as telecom standardization and policy.

19. [Improving Cyber Threat Intelligence \(CTI\) analysis skills using MISIP for least developed countries \(LDCs\) and Small Islands Developing States \(SIDS\)](#)

- Registration: OPENED, 17 Jan 2025 - 27 Mar 2025
- Dates: 07 Apr 2025 - 08 Apr 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: rj@nrdcs.it
- Price: \$0.00

This hands-on training program is designed to equip attendees participants from least developed countries (LDCs) and Small Islands Developing States (SIDS) with practical analysis skills using MISIP, one of the most widely adopted Threat Intelligence Platforms (TIP) in the field. MISIP is a robust, open-source platform that organizations can use to store, share, and receive information about malware, threats, and vulnerabilities in a structured manner. Training will be delivered under

the Cyber for Good project.

20. [Artificial intelligence for the public sector](#)

- Registration: OPENED, 19 Dec 2024 - 02 Feb 2025
- Dates: 08 Apr 2025 - 11 Apr 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: ituacademy@itu.int
- Price: \$0.00

This course provides an introduction to artificial intelligence (AI), with a focus on its application in the public service. Participants will be guided through the entire process of devising an AI-based services in the public sector. Lessons will cover not just the functional aspects of this application but also the governance and ethical aspects of the process to offer a holistic point of view.

21. [5G technology development and its application](#)

- Registration: OPENED, 05 Dec 2024 - 07 Apr 2025
- Dates: 14 Apr 2025 - 25 Apr 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: wangying@caict.ac.cn
- Price: \$0.00

This course will help the participants to know and understand about the general evolution of 5G technology, industry engagement and promotion, and testing Technology Innovation of 5G; the overall development of 5G applications, including policy and ecosystem, Industrial internet of things, devices and use cases; 5G applications, such as 5G+Energy, 5G+ Industry, 5G+Education, 5G+Healthcare, 5G+Cultural Tourism etc.

22. [e-Governance legal framework](#)

- Registration: OPENED, 18 Jan 2025 - 01 Apr 2025

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- Dates: 15 Apr 2025 - 18 Apr 2025
 - Training type: Online instructor led
 - Location: Global or multi-regional
 - Languages: English
 - Event email contact: engelmari.molder@taltech.ee
 - Price: \$199.00

The course explains the e-governance legal framework and its various components. The course introduces the e-governance general legal concept and the legal disciplines that form the basis of the e-governance legal framework. The course covers the e-governance juridical aspects and challenges (including ethical concerns) from national and international (including European Union (EU)) perspectives. A walkthrough of the most relevant e-governance legal acts, cases, and principles will be provided during the course.

23. [Spectrum monitoring techniques and methods \(intermediate\)](#)

- Registration: OPENED, 09 Jan 2025 - 01 Apr 2025
- Dates: 20 Apr 2025 - 24 Apr 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: EG-ATRC@tra.gov.eg
- Price: \$0.00

This training course designed to build both intermediate knowledge and practical skills related to spectrum monitoring, a cornerstone of modern telecommunications. The intermediate level is extending the information to include practical applications of the principles explained in detail in the introductory level. It emphasizes the critical role of spectrum monitoring in ensuring efficient use of radio frequencies, addressing interference issues, and supporting regulatory compliance.

24. [Fiber optics planning, design, and deployment](#)

- Registration: OPENED, 05 Nov 2024 - 14 Apr 2025
- Dates: 28 Apr 2025 - 02 May 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: pougwoke@dbi.edu.ng
- Price: \$150.00

This course is designed to encompass the theory, the technology and field engineering aspects of fiber optic planning design and deployment by adopting new developments in the industry. This course offers participants a thorough understanding of the basic physics associated with fiber systems alongside their respective applications - encompassing optical transmitters/receivers, multiplexing and transmission characteristics.

25. [Design and development of smart cities](#)

- Registration: OPENED, 05 Nov 2024 - 14 Apr 2025
- Dates: 28 Apr 2025 - 15 May 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: mikaila.collymore@cavehill.uwi.edu
- Price: \$130.00

Many countries have begun to develop smart villages/towns/cities with varying degrees of success. This course focuses on the design and implementation of smart sustainable cities (SSCs), and would be useful for policy makers, urban planners, and anyone interested in understanding basic aspects of smart city development.

26. [Her CyberTracks - Policy & Diplomacy CyberTrack](#)

- Registration: OPENED, 27 Jan 2025 - 31 Mar 2025
- Dates: 01 May 2025 - 31 Oct 2025
- Training type: Blended
- Location: Global or multi-regional
- Languages: English
- Event email contact: womenincyber@itu.int
- Price: \$0.00

The objective of Her CyberTracks is to promote the equal, full, and meaningful representation of women in cybersecurity. To this end, the training course initiative equips women with the necessary skills and mindsets to succeed in cybersecurity through targeted cyber capacity building.

Her CyberTracks offers a one-stop curriculum based on three pillars:

27. [ESG \(Environmental, Social and Governance\) applied to the mobile network market](#)

- Registration: OPENED, 13 Dec 2024 - 01 Dec 2025
- Dates: 01 May 2025 - 31 Dec 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: danielnunes@inatel.br

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- Price: \$79.00

This online course offers a comprehensive examination of the intersection between Environmental, Social, and Governance factors within the realm of mobile networks. Participants will explore the pivotal role of ESG considerations in shaping the evolution and sustainability of mobile network infrastructures.

28. [Disruptive technologies and governance in the digital era](#)

- Registration: OPENED, 15 Nov 2024 - 13 Apr 2025
- Dates: 05 May 2025 - 13 Jun 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: nokhanyo.yolwa@wits.ac.za
- Price: \$0.00

This course provides a concise, non-technical overview of the technologies and infrastructures supporting telecommunications, broadcasting, and audio-visual services. It explores trends driving digital communications markets, emerging technologies, and their applications across sectors like agritech, fintech, and smart environments. Participants will gain a conceptual understanding of the digital technology landscape, market dynamics, and innovation, laying the groundwork for future-focused policy and regulation within a converging and competitive digital ecosystem.

29. [Políticas y regulación en telecomunicaciones: adaptación a nuevas tendencias globales](#)

- Registration: OPENED, 18 Dec 2024 - 20 Apr 2025
- Dates: 05 May 2025 - 08 Jun 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: Spanish
- Event email contact: ipretel@inictel-uni.edu.pe
- Price: \$0.00

El curso Políticas y regulación en telecomunicaciones: adaptación a nuevas tendencias globales está diseñado para ofrecer a los participantes una comprensión integral de las políticas y marcos regulatorios que rigen el sector de las telecomunicaciones en un contexto global dinámico. A lo largo del curso, se abordarán temas fundamentales como la gestión del espectro radioeléctrico, la protección de datos y la privacidad, la competencia en el mercado, así como el impacto de las tecnologías emergentes como el 5G, la inteligencia artificial y la Internet de las Cosas (IoT).

30. [Introduction to telecom services customer experience management](#)

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- Registration: OPENED, 09 Jan 2025 - 10 Apr 2025
 - Dates: 05 May 2025 - 07 May 2025
 - Training type: Online instructor led
 - Location: Global or multi-regional
 - Languages: English
 - Event email contact: EG-ATRC@tra.gov.eg
 - Price: \$0.00

In our interconnected world, Quality of Service (QoS) and Quality of Experience (QoE) are essential metrics for telecom regulators and operators. These metrics not only indicate the technical performance of a network but also gauge the satisfaction of end-users. This course focuses on understanding and monitoring these metrics to maintain a high-quality network, ensure regulatory compliance, and boost customer satisfaction.

31. [Cyber disaster response: development of simulation exercises](#)

- Registration: OPENED, 14 Nov 2024 - 23 Feb 2025
- Dates: 05 May 2025 - 09 May 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: mlobin@cert.govmu.org
- Price: \$0.00

This 4.5-day training course provides essential steps and guidelines for designing effective cybersecurity exercises, focusing on the practical aspects of information security. During the course, participants will learn how to define objectives, choose appropriate approaches, design network topologies, create realistic scenarios, establish rules, select relevant metrics, and capture valuable lessons.

32. [SMTP - Spectrum engineering fundamentals](#)

- Registration: OPENED, 05 Nov 2024 - 28 Apr 2025
- Dates: 12 May 2025 - 06 Jun 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: Jmwakijele@afralti.org
- Price: \$300.00

This course covers spectrum engineering foundations for students to be able to perform link budget calculations, interference analysis, and provide an understanding of 3D propagation modeling for radio communications services frequency planning. This is intended to support modern spectrum management. The aim of this course is to provide students with spectrum engineering foundations in order to be able to perform link budget calculations, interference analysis, and provide understanding

[33. SMTP - Spectrum management for aeronautical and radio determination services and military systems](#)

- Registration: OPENED, 05 Nov 2024 - 28 Apr 2025
- Dates: 12 May 2025 - 06 Jun 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: Jmwakijele@afralti.org
- Price: \$300.00

This course provides a comprehensive overview of spectrum management for aeronautical and radio determination services, including both commercial and military domains. Participants will gain a deep understanding of aeronautical systems, spectrum regulations, and practical spectrum management skills.

Through interactive lectures, practical exercises, and case studies, participants will develop the expertise to address complex challenges in aeronautical spectrum management.

[34. Technical, business and regulatory aspects of 5G networks](#)

- Registration: OPENED, 15 Nov 2024 - 11 May 2025
- Dates: 12 May 2025 - 19 May 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: s.laskowski@il-pib.pl
- Price: \$150.00

This course focuses on technical, business and regulatory aspects of 5G mobile networks. It includes mobile broadband evolution, and LTE-Advanced-Pro as transition of 4G towards 5G mobile networks. It covers 5G network architecture, which is based on network slicing approach, 5G New Radio (NR) and 5G Next Generation core with network functions and software based architecture.

[35. Emerging technologies shaping the digital future](#)

- Registration: OPENED, 11 Nov 2024 - 02 Mar 2025
- Dates: 19 May 2025 - 23 May 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: danielnunes@inatel.br

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- Price: \$0.00

This 32-hour course will cover the key emerging technologies that are shaping the digital future and their applications across various sectors. The content will include an introduction to 5G networks and the evolution towards 6G, exploring their capabilities and impact on global connectivity. The fundamentals and applications of the Internet of Things (IoT) will be discussed, highlighting how this technology revolutionises industries and everyday life.

[36. Summer school on evidence-based digital policies for universal and meaningful connectivity](#)

- Registration: OPENED, 13 Jan 2025 - 02 Mar 2025
- Dates: 02 Jun 2025 - 06 Jun 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: cdo@merit.unu.edu
- Price: \$0.00

This summer school focuses on enhancing skills for creating evidence-based digital policies to achieve Universal and Meaningful Connectivity. Participants will learn to interpret and use ICT statistics to develop, implement, and evaluate such policies. Interactive sessions will address key ICT and development issues, helping participants generate and apply insights for effective policymaking.

[37. Security and QoS in Internet network](#)

- Registration: OPENED, 15 Nov 2024 - 15 Jun 2025
- Dates: 16 Jun 2025 - 23 Jun 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: s.laskowski@il-pib.pl
- Price: \$150.00

This course focuses on Security and Quality of Service (QoS) in Internet network from technology, regulation and business aspects. It covers Internet fundamentals, including Internet protocols and architectures, Internet security standards and approaches as defined by IETF (Internet Engineering Task Force), as well as ITU's security architectures for end-to-end communications. Further, the course incorporates cybersecurity approaches from the ITU viewpoint, and security aspects of emerging cloud computing and Internet of Things (IoT).

[38. SMTP - Wireless telecommunications technologies](#)

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- Registration: OPENED, 06 Nov 2024 - 09 Jun 2025
 - Dates: 23 Jun 2025 - 18 Jul 2025
 - Training type: Online instructor led
 - Location: Global or multi-regional
 - Languages: English
 - Event email contact: Jmwakijele@afralti.org
 - Price: \$300.00

This course covers a comprehensive view of some of the most dynamically developing business areas of radiocommunications. The course aims at describing the technologies and their lines of development which are present in the World in the given field.

The independent course provides high-level technical knowledge.

39. [Summer school on digital and green transitions](#)

- Registration: OPENED, 19 Dec 2024 - 15 Mar 2025
- Dates: 23 Jun 2025 - 27 Jun 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: cdo@merit.unu.edu
- Price: \$0.00

This summer school is designed to introduce participants to the concept of sustainable digital transformation through various subtopics, including emerging digital technologies, digital farming, and e-waste management.

40. [Digital inclusion in the workplace for persons with disabilities](#)

- Registration: OPENED, 11 Nov 2024 - 10 Jun 2025
- Dates: 24 Jun 2025 - 25 Jul 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: mikaila.collymore@cavehill.uwi.edu
- Price: \$300.00

While many individuals with disabilities are technologically savvy, persons with disabilities in general are faced with a digital gap. This is further compounded by digital gaps along lines of gender and socio-economic status, amongst others. These digital gaps need to be addressed, if we want to ensure that persons with disabilities do not miss out on the opportunities provided by the digital economy.

41. [Cyber threat intelligence](#)

- Registration: OPENED, 10 Dec 2024 - 06 Apr 2025
- Dates: 30 Jun 2025 - 04 Jul 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: mlobin@cert.govmu.org
- Price: \$0.00

This course is designed to introduce the in-depth concept of cyber threat intelligence to participants and provide them with the practical experience to gain cyber threat intelligence skills required to make security teams better, threat hunting more accurate, incident response more effective, and organizations more aware of the evolving cyber threat landscape. Cyber threat intelligence is an area of cybersecurity that focuses on the collection and analysis of information about current and potential attacks that can threaten the safety of an organization or its assets.

42. [Implementation of spectrum monitoring systems according to ITU-R Recommendations](#)

- Registration: OPENED, 10 Jan 2025 - 11 May 2025
- Dates: 30 Jun 2025 - 04 Jul 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: philipp.strobel@rohde-schwarz.com
- Price: \$0.00

A practical and engaging course designed for professionals in telecommunications, this program offers a well-rounded introduction to key tasks, technical procedures, and essential tools used in modern spectrum monitoring.

43. [Emerging technologies and digital innovation](#)

- Registration: OPENED, 03 Dec 2024 - 27 Apr 2025
- Dates: 07 Jul 2025 - 11 Jul 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: training@afraiti.org
- Price: \$0.00

This course explores the latest trends and innovations in digital technology and examines their implications for digital transformation. It covers topics such as artificial intelligence, blockchain, and the Internet of Things (IoT), highlighting their potential to drive innovation and disrupt traditional business models.

44. [Gestión del espectro: tecnologías inalámbricas en telecomunicaciones](#)

- Registration: OPENED, 18 Dec 2024 - 01 Jun 2025
- Dates: 10 Jul 2025 - 08 Aug 2025
- Training type: Blended
- Location: Global or multi-regional
- Languages: Spanish
- Event email contact: ipretel@inictel-uni.edu.pe
- Price: \$0.00

El curso está diseñado para profesionales de las telecomunicaciones que quieren profundizar en las tecnologías inalámbricas y su gestión en redes modernas, explora los principios de las comunicaciones inalámbricas, las arquitecturas de redes, los mecanismos de acceso al espectro y los requisitos de ancho de banda.

45. [Low earth orbit communication satellites and applications in digital economy era](#)

- Registration: OPENED, 05 Nov 2024 - 07 Jul 2025
- Dates: 21 Jul 2025 - 31 Jul 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: pougwoke@dbi.edu.ng
- Price: \$150.00

This comprehensive training program aims to equip participants with in-depth knowledge of Low Earth Orbit (LEO) communication satellites and their diverse applications in the rapidly evolving digital economy. The role of LEO communication satellites has become increasingly pivotal, ushering in a new era in the digital economy. These satellites, orbiting at lower altitudes than their geostationary counterparts, offer many advantages that are reshaping the way we connect, communicate, and conduct business.

46. [Circular economy through e-waste policy and producer action](#)

- Registration: OPENED, 10 Jan 2025 - 10 May 2025
- Dates: 04 Aug 2025 - 08 Aug 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: ituacademy@itu.int
- Price: \$0.00

This training course provides participants with an intermediary exposure to the world of policymaking and electronics producer responsibility in the area of e-waste management. It brings together key

learning materials and resources based on the underpinning circular economy principles and the legal, financial and administrative components of well-functioning e-waste management systems.

47. [SMTP - Spectrum monitoring](#)

- Registration: OPENED, 11 Nov 2024 - 21 Jul 2025
- Dates: 04 Aug 2025 - 29 Aug 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: Jmwakijele@afraiti.org
- Price: \$300.00

The course covers the role, functions and basic techniques of spectrum monitoring, and purpose and capabilities of different types of spectrum monitoring equipment.

48. [Digital innovation ecosystems: Building the future](#)

- Registration: OPENED, 28 Nov 2024 - 13 Jul 2025
- Dates: 04 Aug 2025 - 29 Aug 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: training@afraiti.org
- Price: \$0.00

This 4-week online, instructor-led course delves into the dynamic world of Digital Innovation Ecosystems. Participants will gain a comprehensive understanding of the key components, players, and trends shaping these environments. Drawing on insights from the accompanying book, Digital Innovation Ecosystems, the course equips participants with the knowledge and skills to foster innovation within their organizations and contribute to thriving digital ecosystems.

49. [SMTP - Spectrum management for satellite systems](#)

- Registration: OPENED, 06 Nov 2024 - 04 Aug 2025
- Dates: 18 Aug 2025 - 12 Sep 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: Jmwakijele@afraiti.org
- Price: \$300.00

This module will provide learners with an understanding of the management of radio spectrum related

to satellite communications systems.

50. [Key aspects and governance of Internet of things, big data and artificial intelligence](#)

- Registration: OPENED, 15 Nov 2024 - 17 Aug 2025
- Dates: 18 Aug 2025 - 25 Aug 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: s.laskowski@il-pib.pl
- Price: \$150.00

This course focuses on technical, business and regulatory aspects of Internet of Things (IoT), Big Data and Artificial Intelligence (AI). It covers Internet technologies for IoT, then IoT standards, architectures and interoperability, as well as IoT policies and regulations, including IoT security and privacy issues. The course includes IoT services in 4G and 5G mobile systems, including massive IoT and critical IoT use cases. The IoT generates large amounts of data that cannot be processed by traditional techniques, and such data is referred to as Big Data.

51. [Excellence in digital government](#)

- Registration: OPENED, 16 Nov 2024 - 01 Jun 2025
- Dates: 18 Aug 2025 - 22 Aug 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: nokhanyo.yolwa@wits.ac.za
- Price: \$0.00

This training is designed to help participants understand the key challenges and success factors involved in driving digital government initiatives. The programme focuses on three main areas to build knowledge and skills in a practical, engaging way.

52. [The role of CSIRTs in the implementation of UN technical norms and confidence-building measures \(CBMs\)](#)

- Registration: OPENED, 29 Apr 2024 - 07 Aug 2025
- Dates: 27 Aug 2025 - 29 Aug 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: kusmani@cert.ncb.mu
- Price: \$0.00

The implementation of the UN cyber norms requires adjusting or establishing policies, procedures, regulations or capabilities or adopting other measures which support state and national adherence to the projected conditions of the recommendations for norms. By improving national cybersecurity, countries will be better able and willing to work with other countries to improve cybersecurity regional and globally.

53. [Auditoria de centros de datos](#)

- Registration: OPENED, 13 Dec 2024 - 10 Aug 2025
- Dates: 01 Sep 2025 - 03 Oct 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: Spanish
- Event email contact: ipretel@inictel-uni.edu.pe
- Price: \$0.00

Este curso de Auditoría de un Centro de Datos busca desarrollar las competencias necesarias para auditar centros de datos de nivel empresarial, conforme a los estándares y mejores prácticas internacionales.

En este curso intermedio, los participantes aprenderán a evaluar los requisitos para optimizar el rendimiento, asegurar la continuidad operativa, implementar soluciones de alta disponibilidad y garantizar la eficiencia energética de un centro de datos.

54. [CSIRT/SOC establishment and modernisation](#)

- Registration: OPENED, 29 Oct 2024 - 26 Aug 2025
- Dates: 02 Sep 2025 - 04 Sep 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: rj@nrdds.it
- Price: \$500.00

The CSIRT/SOC Establishment and Modernisation course is training program specifically designed to help organisations to establish an effective CSIRT/SOC team. The course provides a detailed guidance on the CSIRT/SOC team mandate and covers all the key elements required for its successful establishment.

55. [Emerging technology developments and their applications](#)

- Registration: OPENED, 05 Dec 2024 - 01 Sep 2025
- Dates: 08 Sep 2025 - 19 Sep 2025
- Training type: Online instructor led

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- Location: Global or multi-regional
 - Languages: English
 - Event email contact: wangying@caict.ac.cn
 - Price: \$0.00

This course will dive in the overall progress of the current global Artificial Intelligence technology status and its the future possibilities; the Cloud Computing development and its trends; the Big Data industry, technology and development; the innovative development of new infrastructure in the digital economy, and the practices such as digital infrastructure, computing infrastructure, follow-up broadband network, IPv6 etc

56. [SMTP - Economic and market tools of spectrum management](#)

- Registration: OPENED, 11 Nov 2024 - 01 Sep 2025
- Dates: 15 Sep 2025 - 10 Oct 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: Jmwakijele@afraiti.org
- Price: \$300.00

This course will focus on the economics of spectrum management. The aim of this course is to introduce students to the main economic principles and market-based mechanisms of spectrum management. It presents and analyses available market tools for economic efficiency in the use of spectrum, such as auctions and spectrum pricing. It takes into account students' need to understand the overall context - especially how and where market- and price- based tools fit into a country's chosen regime of modern spectrum management.

57. [Governance of Generative AI and other emerging technologies in the creative sectors](#)

- Registration: OPENED, 22 Jan 2025 - 01 Sep 2025
- Dates: 15 Sep 2025 - 17 Oct 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: thelma.yolwa@wits.ac.za
- Price: \$400.00

The rise of generative AI, Web 3.0, and the metaverse is reshaping the creative industries, unlocking new possibilities for content creation, storytelling, and audience engagement. However, these innovations come with complex ethical, legal, and regulatory challenges.

58. [Smart city technologies - from theory to practice](#)

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- Registration: OPENED, 05 Nov 2024 - 08 Sep 2025
 - Dates: 22 Sep 2025 - 10 Oct 2025
 - Training type: Online instructor led
 - Location: Global or multi-regional
 - Languages: English
 - Event email contact: mikaila.collymore@cavehill.uwi.edu
 - Price: \$275.00

This course is an advanced-level course in smart city design. It focuses on both theoretical and practical aspects of specific technologies that are required when developing smart city solutions.

59. [5G-Advanced mobile broadband and future services](#)

- Registration: OPENED, 15 Nov 2024 - 21 Sep 2025
- Dates: 22 Sep 2025 - 29 Sep 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: s.laskowski@il-pib.pl
- Price: \$150.00

This course will focus on 5G-Advanced Mobile Broadband and Future Services, including technologies, regulation and business aspects. It will cover mobile broadband evolution, from IMT-Advanced (4G) to IMT-2020 (5G) and IMT-2030 (6G).

60. [Cyber resilience for critical information infrastructures](#)

- Registration: OPENED, 13 Nov 2024 - 03 Sep 2025
- Dates: 24 Sep 2025 - 27 Sep 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: mlobin@cert.govmu.org
- Price: \$0.00

Critical Information Infrastructure is defined as those assets systems and functions that are vital to the nations that their incapacity or destruction would have a devastating impact on the economy, government capability to function, public health and safety as well as on national defense and security.

61. [GovStack essentials: transforming public services with modern digital infrastructure](#)

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- Registration: OPENED, 08 Jan 2025 - 29 Jun 2025
 - Dates: 29 Sep 2025 - 03 Oct 2025
 - Training type: Face to Face
 - Location: Global or multi-regional
 - Languages: English
 - Event email contact: anastasiia.dudko@taltech.ee
 - Price: \$0.00

This training course will equip participants with the knowledge and tools to design and implement scalable, interoperable, and citizen-focused digital public infrastructure. Through an in-depth exploration of GovStack's modular building blocks, frameworks like PAERA, and real-world case studies, this course offers practical insights into creating efficient e-governance systems.

62. [Fiber optics infrastructure and project management](#)

- Registration: OPENED, 05 Nov 2024 - 22 Sep 2025
- Dates: 06 Oct 2025 - 17 Oct 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: pougwoke@dbi.edu.ng
- Price: \$150.00

This course is designed to develop IT professional's knowledge and skills to scope, initiate, deliver and close a fiber optic project, in time, on budget, and to the highest quality specifications. Some of the topics to be discussed include tools and techniques for planning, design and implementing. FTTH, Campus, Backbone and Submarine Systems and other systems. The skill set garnered in this training will no doubt provide an impetus for a robust and resilient fiber network performance and higher skills.

63. [Zero trust: a progressive and comprehensive approach to CII protection](#)

- Registration: OPENED, 15 Jan 2025 - 14 Sep 2025
- Dates: 07 Oct 2025 - 16 Oct 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: rj@nrdcs.it
- Price: \$0.00

The Zero Trust Architecture (ZTA) approach is rapidly emerging as a pivotal trend in cybersecurity, particularly for the protection of Critical Information Infrastructure (CII). Unlike traditional security models relying on perimeter defense, ZTA operates on the principle of "never trust, always verify," ensuring that every access request is continuously authenticated and authorized.

64. [Trends in communications sector reform and regulation for the digital economy](#)

- Registration: OPENED, 10 Dec 2024 - 06 Oct 2025
- Dates: 20 Oct 2025 - 21 Nov 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: nokhanyo.yolwa@wits.ac.za
- Price: \$500.00

This course explores the transformative trends shaping the transition to digital economies. It highlights the relevance of regulation in key sectors from telecoms, broadcasting to e-commerce, smart cities and digital government. Participants will examine emerging technologies, innovation ecosystems, and their regulatory implications, while developing practical skills such as regulatory impact assessment and strategic foresight.

65. [Technical, business and regulatory aspects of Artificial Intelligence and Metaverse for future Internet and telecoms](#)

- Registration: OPENED, 18 Jan 2025 - 22 Oct 2025
- Dates: 23 Oct 2025 - 24 Oct 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: s.laskowski@il-pib.pl
- Price: \$500.00

This course focuses on technical, business and regulatory aspects of Artificial Intelligence (AI) and Metaverse for future Internet and telecoms. It covers fixed and mobile broadband Internet, QoS, and cybersecurity, AI fundamentals for telecom sector including ITU's Machine Learning (ML), Generative AI, federated learning, Explainable AI (XAI) and responsible AI use. The course includes future AI-based clouds and IoT, including AI as a Service (AlaaS), edge AI and edge clouds, and Industrial IoT.

66. [SMTP - Spectrum planning and policies for wireless innovation](#)

- Registration: OPENED, 11 Nov 2024 - 13 Oct 2025
- Dates: 27 Oct 2025 - 21 Nov 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: Jmwakijele@afralti.org
- Price: \$300.00

This course will cover an in-depth understanding of theories, tools and practices involved in spectrum management strategic planning and policy developments that are aligned with forward-looking

67. [Emerging cybersecurity threats and vulnerabilities management on digital infrastructures](#)

- Registration: OPENED, 20 Jan 2025 - 19 Oct 2025
- Dates: 10 Nov 2025 - 21 Nov 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: pougwoke@dbi.edu.ng
- Price: \$0.00

This course aims to equip professionals with in-depth knowledge and practical skills to manage emerging threats and vulnerabilities in digital infrastructures. The curriculum explores governance and covers policy development, ethical standards and regulatory frameworks in cybersecurity to ensure organizations' compliance with the latest threats, risk assessment methodologies, and security best practices.

68. [SMTP - Advanced spectrum authorization regimes](#)

- Registration: OPENED, 04 Nov 2024 - 10 Nov 2025
- Dates: 24 Nov 2025 - 19 Dec 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: Jmwakijele@afralti.org
- Price: \$300.00

The scope of this course will cover an overview of the current traditional approaches to spectrum management and their limitations; new approaches to spectrum management focusing on spectrum authorisation regime to improve efficient and optimum use of the spectrum resources through adoption of advanced spectrum allocation, assignment and management techniques, and modern spectrum licensing management processes based on operational requirements and technical and economic viability.

69. [Future fixed and mobile broadband internet, cloud computing and IoT/AI](#)

- Registration: OPENED, 15 Nov 2024 - 30 Nov 2025
- Dates: 01 Dec 2025 - 08 Dec 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: s.laskowski@il-pib.pl

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- Price: \$150.00

This course focuses on future fixed and mobile broadband Internet, cloud computing and IoT/AI, including technical, business and regulatory aspects. It covers Internet technologies (IPv6, QUIC, DNS, QoS, cybersecurity), future fixed-terrestrial and satellite broadband including gigabit metallic, cable, and optical broadband (FTTH/FTTR, 50G-PON), submarine cable, satellite broadband, as well as transport networks (ITU's OTN, SD-WAN, Carrier Ethernet).

The ITU Academy is the International Telecommunication Union leading platform for capacity development initiatives.

If you would like to inquire more or need assistance with registration, do not hesitate to [contact us](#)