

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. [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.

2. [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.

3. [Building digital foundations for justice transformation](#)

- Registration: OPENED, 14 Apr 2025 - 30 May 2025
- Dates: 11 Jun 2025 - 13 Jun 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: queenie.tam@undp.org
- Price: \$0.00

This course is designed to provide justice sector professionals with foundational knowledge and practical experience in digital transformation. Participants will explore digital governance tools, enabling pillars for digital transformation, and innovative strategies and technologies for modernizing the justice sector. The course uses an immersive, scenario-based approach—"The Digital Justice Challenge"—where participants work in teams to develop and implement digital strategies in a simulated justice sector crisis.

4. [Digital trade regulation](#)

- Registration: OPENED, 21 Mar 2025 - 25 May 2025
- Dates: 16 Jun 2025 - 13 Jul 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: ituacademy@itu.int
- Price: \$0.00

5. [Pathways to cybersecurity in Pacific Islands](#)

- Registration: OPENED, 22 Apr 2025 - 27 May 2025
- Dates: 16 Jun 2025 - 05 Dec 2025
- Training type: Blended
- Location: Asia & Pacific
- Languages: English
- Event email contact: calvin.chan@itu.int
- Price: \$0.00

This training course aims to develop and enhance the cybersecurity skills and capabilities of professionals in the early stages of their careers within the Pacific Island Member States, who are seeking cybersecurity-related career opportunities as well as fostering pathways for internships and professional development opportunities. This course aims to equip participants with a structured 5-month learning experience that combines self-paced modules, in-person and interactive online instructor-led sessions and hands-on workshops to foster a strong cybersecurity community and

6. [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).

7. [Universal service fund financing efficiency toolkit](#)

- Registration: OPENED, 16 May 2025 - 16 Jun 2025
- Dates: 17 Jun 2025 - 18 Jun 2025
- Training type: Face to Face
- Location: Africa
- Languages: English
- Event email contact: samantha.oriordan@itu.int
- Price: \$0.00

This training course focuses on the use of the toolkit for universal access and service implementation. This practical guide offers analytical tools, examples, and templates to assist policy-makers, regulators, and fund administrators in designing, implementing, and financing digital technology and communication infrastructure programs.

8. [Gouvernance des données en Afrique](#)

- Registration: OPENED, 23 Apr 2025 - 13 Jun 2025
- Dates: 23 Jun 2025 - 18 Jul 2025
- Training type: Online instructor led
- Location: Africa
- Languages: French
- Event email contact: ahmed.kora@esmt.sn
- Price: \$0.00

Cette formation sur la protection et la gouvernance des données permet de doter les participants des connaissances et des compétences nécessaires pour assurer une gestion efficace, sécurisée et éthique des données dans un contexte africain en pleine transformation numérique.

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

- 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.

10. [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.

11. [Climate change and the mobile industry](#)

- Registration: OPENED, 12 Mar 2025 - 24 Jun 2025
- Dates: 01 Jul 2025 - 02 Jul 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: ituacademy@itu.int
- Price: \$0.00

This course aims to inform telecommunications policymakers and regulators, particularly those in emerging and developing markets, about the multifaceted relationship between mobile technologies and climate change. It also discusses how the mobile industry is reducing its own impacts on climate change while also enabling climate action in other sectors. Furthermore, it details how policymakers

can facilitate climate action across the mobile ecosystem and beyond.

12. [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.

13. [Mobile Money for financial inclusion](#)

- Registration: OPENED, 25 Mar 2025 - 08 Jul 2025
- Dates: 15 Jul 2025 - 16 Jul 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: ituacademy@itu.int
- Price: \$0.00

Mobile money services have become a key enabler for financial inclusion, especially in low- and middle-income countries (LMICs). This has resulted in the growth and increased adoption of mobile money services, with the result that they now support 1.6 billion users in carrying out regular transactions. Despite the benefits of mobile money services, there are still areas that can be improved to increase their impact, especially in the area of policy and regulation.

14. [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.

15. [Spectrum assignment policies for 5G & beyond, regulatory challenges & socio-economic impact](#)

- Registration: OPENED, 20 Feb 2025 - 30 Jun 2025
- Dates: 21 Jul 2025 - 25 Jul 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: ddg.wa-nti@gov.in
- Price: \$0.00

This course is structured to provide mid and senior level officers working in governments, a nuanced understanding of spectrum policies, regulatory frameworks and emerging trends shaping the telecommunication industry. The course will cover spectrum management and assignment tasks, roadmap and strategies in line with ITU Radio Regulations.

16. [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@afralti.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.

17. [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@afralti.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.

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

- Registration: OPENED, 10 Jan 2025 - 25 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.

19. [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@afralti.org
- Price: \$300.00

This module will provide learners with an understanding of the management of radio spectrum related to satellite communications systems.

20. [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.

21. [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.

22. [Taller de formación sobre directrices metodológicas para el análisis de impacto normativo](#)

- Registration: OPENED, 20 May 2025 - 30 Jul 2025
- Dates: 20 Aug 2025 - 22 Aug 2025
- Training type: Face to Face
- Location: The Americas
- Languages: Spanish
- Event email contact: carlos.lugo-silva@itu.int
- Price: \$0.00

This workshop covers the basic concepts of the Regulatory Impact Assessment (RIA) methodology, aimed at CONATEL Paraguay officials involved in the design and development of regulatory projects. It focuses on methodological guidelines for its implementation and includes practical examples. The workshop will provide basic recommendations for the adoption of RIA in line with international best practices and will use the methodological guide developed by this consultancy¹ as the base document. This in-person workshop will take place in Paraguay and is targeted at the CONATEL regulator.

23. [Role of ICTs in disaster management](#)

- Registration: OPENED, 17 Apr 2025 - 11 Aug 2025
- Dates: 25 Aug 2025 - 29 Aug 2025

- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: ddg.ict-nti@gov.in
- Price: \$0.00

This course is designed to highlight the critical role of Information and Communication Technology (ICT) across all phases of disaster management: mitigation, preparedness, response, and recovery. Offering a comprehensive curriculum, the course explores the Disaster Management (DM) framework, including regulatory, legal, and policy aspects that facilitate the use of technology in DM. It also examines the roles and responsibilities of various administrative bodies involved in Disaster Risk Reduction (DRR) at the national level.

24. 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.

25. 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.

26. [Bridging the mobile gender gap](#)

- Registration: OPENED, 12 Mar 2025 - 25 Aug 2025
- Dates: 01 Sep 2025 - 22 Sep 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: ituacademy@itu.int
- Price: \$0.00

This course helps policymakers understand the size and drivers of the mobile gender gap in low- and middle-income countries and provides insights and recommendations on how to improve digital inclusion for women.

27. [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@nrdcs.lt
- 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.

28. [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
- 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

29. [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.

30. [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@afralti.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.

31. [Smart cities telecom infrastructure](#)

- Registration: OPENED, 09 Jan 2025 - 01 Sep 2025
- Dates: 22 Sep 2025 - 25 Sep 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 course introduces participants to the foundations of smart cities including their definition, reference architectures, governance, and strategic frameworks. It focuses on strategies, policies, and successful examples to inspire innovative city planning and organization. In particular, it: (i) describes the connectivity infrastructure required for smart cities including fiber optics and wireless technologies, (ii) introduces smart systems and solutions, and (iii) explores business and governance models ensuring sustainable implementation and operation.

32. [Strengthening cybersecurity through effective CSIRT and SOC models](#)

- Registration: OPENED, 28 Jan 2025 - 22 Jun 2025
- Dates: 22 Sep 2025 - 26 Sep 2025
- Training type: Face to Face
- Location: Global or multi-regional
- Languages: English
- Event email contact: training@afraiti.org
- Price: \$0.00

This 4.5-day course provides a comprehensive approach to building, modernising, and optimising Cyber Security Incident Response Teams (CSIRTs) and Security Operations Centers (SOCs). Designed to address the increasing complexity of today's threat landscape, the course blends strategic frameworks with hands-on technical training to equip participants with the skills needed to design, implement, and sustain effective cybersecurity operations.

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

- 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.

34. [IoT essentials: architecture, applications, and security](#)

- Registration: OPENED, 23 Apr 2025 - 15 Sep 2025
- Dates: 22 Sep 2025 - 25 Sep 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English

- Event email contact: ddg.ict-nti@gov.in
- Price: \$0.00

This comprehensive course is designed to provide an in-depth exploration of the Internet of Things (IoT), a pivotal technology in today's digital landscape. It covers the fundamental concepts, components, and connectivity technologies that underpin IoT. Participants will explore IoT applications across various sectors, including smart homes, healthcare, agriculture, high speed trains and smart cities, highlighting IoT's role in solving real-world challenges. The course sessions will delve into IoT system architecture, data processing, and the critical importance of security and privacy.

35. [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).

36. [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.

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

- 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.

38. [AI governance in practice: developing secure and innovative frameworks](#)

- Registration: OPENED, 16 Apr 2025 - 13 Jul 2025
- Dates: 06 Oct 2025 - 10 Oct 2025
- Training type: Blended
- Location: Global or multi-regional
- Languages: English
- Event email contact: ituacademy@itu.int
- Price: \$0.00

This dynamic blended course is designed for policymakers, regulators, civil society leaders, and professionals from a wide range of sectors who are seeking to strengthen their ability to navigate the rapidly evolving field of artificial intelligence (AI) governance.

39. [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.

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

- Registration: OPENED, 25 Apr 2025 - 07 Sep 2025
- Dates: 06 Oct 2025 - 21 Oct 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: danielnunes@inatel.br
- Price: \$0.00

This 20-hour course covers the key emerging technologies shaping the digital future and their applications across various sectors. Topics will include 5G networks and their evolution towards 6G, the Internet of Things, Artificial Intelligence and Machine Learning, Quantum Computing, Cloud Computing, and Edge Computing. The course will also address cybersecurity as essential for data protection and Blockchain technology, which is redefining the management of transactions and records.

41. [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.lt
- 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.

42. [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.

43. 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.

44. 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 analytical spectrum management approaches enabling wireless innovation.

45. Emerging technologies and human rights online

- Registration: OPENED, 10 Apr 2025 - 12 Oct 2025
- Dates: 31 Oct 2025 - 22 Dec 2025
- Training type: Online instructor led
- Location: Global or multi-regional
- Languages: English
- Event email contact: cdo@merit.unu.edu
- Price: \$0.00

46. 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.

47. [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.

48. [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
- 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).

49. AI governance in practice: developing secure and innovative frameworks (face-to-face in Bangkok)

- Registration: COMING SOON, 24 May 2025 - 07 Dec 2025
- Dates: 23 Mar 2026 - 27 Mar 2026
- Training type: Blended
- Location: Global or multi-regional
- Languages: English
- Event email contact: ituacademy@itu.int
- Price: \$0.00

This blended training course is open for policymakers, regulators, civil society leaders, and professionals aiming to strengthen their skills in AI governance. The online part of the course includes two instructor-led online sessions covering key AI concepts, ethics, cybersecurity, and global legal frameworks. These sessions will be followed by quizzes and reading materials.



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](#)