

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. Strategic foresight 101

Registration: OPENED, 02 Sep 2025 - 31 Dec 2025

• Dates: 15 Mar 2024 -

Training type: Online self-pacedLocation: Global or multi-regional

Languages: English

• Event email contact: innovation@itu.int

• Price: \$0.00

This self-paced training course offers an introductory exploration of strategic foresight tailored to individuals engaged in fostering digital innovation for sustainable development. With a focus on bridging the digital divide and addressing global challenges, the course emphasizes the crucial role of strategic foresight in shaping equitable futures. Through seven modules, participants delve into essential concepts, tools, and terminology while honing practical skills in futures thinking.

2. <u>Wireless infrastructure deployment and governance: accelerating sustainable connectivity for national development</u>

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, SpanishEvent 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, 01 Jul 2025 - 01 Dec 2025

Dates: 01 Jun 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. SMTP - Economic and market tools of spectrum management

• Registration: OPENED, 11 Nov 2024 - 12 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.

5. E-waste policy and Extended Producer Responsibility (EPR)

Registration: OPENED, 21 Jul 2025 - 15 Sep 2025

• Dates: 16 Sep 2025 - 17 Sep 2025

Training type: Face to FaceLocation: Asia & Damp; Pacific

Languages: English

• Event email contact: samantha.oriordan@itu.int

• Price: \$0.00

This training course provides participants with beginner exposure to the world of regulatory development in the area of e-waste management. It brings together key learning materials and resources based on underpinning circular economy principles and the environmental policy approach of extended producer responsibility (EPR). It too addresses the legal, financial and administrative

components of well-functioning e-waste management systems.

6. loT 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.

7. 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).

8. 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.

9. Al for increasing the efficiency of telecommunications/ICTs using the Whole Government approach

Registration: OPENED, 08 Aug 2025 - 14 Sep 2025

• Dates: 22 Sep 2025 - 26 Sep 2025

Training type: Face to FaceLocation: Asia & Danie

· Languages: English

• Event email contact: akanksha.sharma@itu.int

• Price: \$0.00

Enhance the capacity and awareness among government officials and key stakeholders on artificial intelligence technologies for increasing the efficiency of telecommunications/ICTs and the development and implementation of related ICT standards within the ITU's mandate and core competencies especially those described in the PP Resolution 214 (Bucharest, 2022), Artificial intelligence (AI) technologies and telecommunications/information and communications technologies.

10. Training workshop on Introduction to Artificial Intelligence in Uzbekistan

Registration: OPENED, 02 Sep 2024 - 22 Sep 2025

• Dates: 23 Sep 2025 - 23 Sep 2025

Training type: Face to FaceLocation: Asia & Danie

Languages: English

• Event email contact: ituacademy@itu.int

• Price: \$0.00

Discover the transformative power of Artificial Intelligence (AI) and its ever-expanding influence on our world. From self-driving cars and healthcare innovations to predicting legal outcomes and advancing space exploration, AI is revolutionizing industries and everyday life. This workshop will delve into the fundamentals of AI, exploring how machines can mimic human intelligence through speech recognition, problem-solving, and logical reasoning.

11. Internet of Things

Registration: OPENED, 01 Aug 2025 - 15 Sep 2025

Dates: 24 Sep 2025 - 25 Sep 2025
Training type: Online instructor led
Location: Global or multi-regional

Languages: French

• Event email contact: dgutierrez-torres@gsma.com

• Price: \$0.00

This course provides a high-level overview of IoT concepts from a mobile perspective, outlines the role IoT can play in enhancing the quality of life of citizens and explains the key differences between traditional telecoms services and the IoT world.

12. Regional digital transformation regulation for ASEAN and Timor Leste

Registration: OPENED, 19 Jul 2025 - 12 Sep 2025

• Dates: 30 Sep 2025 - 02 Oct 2025

Training type: Face to FaceLocation: Asia & Danie

Languages: English

• Event email contact: samantha.oriordan@itu.int

• Price: \$0.00

This course is primarily based on the ITU/World Bank digital regulation platform, the ITU FCDO universal access and service financing efficiency toolkit and ITU MSIT innovative technologies trainings with a focus on the following aspects: digital transformation strategies, regulatory and collaborative governance, evidence-based decision making, competition and economics (market analysis), universal access and service financing efficiency, data governance and consumer protection, transformative technologies regulatory aspects and emerging technologies including AI technology aspects and thei

13. Satellite regulations for Sub-Saharan Africa

Registration: OPENED, 02 Sep 2025 - 10 Sep 2025

• Dates: 01 Oct 2025 - 03 Oct 2025

Training type: Face to Face

Location: AfricaLanguages: English

• Event email contact: itu-ro-africa@itu.int

• Price: \$0.00

Organized by ITU and the World Bank, with support from the United Kingdom Foreign, Commonwealth & Development Office, the training on satellite regulations is designed to allow participants to gain greater knowledge and a more in-depth understanding of the **key principles of satellite regulations** with a focus on LEO satellite communications (Broadband and IoT).

14. <u>Communications gouvernementales sécurisées à l'ère de l'IA et de l'ère post-quantique</u>

Registration: OPENED, 14 Aug 2025 - 16 Sep 2025

Dates: 01 Oct 2025 - 30 Oct 2025
Training type: Online instructor led
Location: Global or multi-regional

• Languages: French

• Event email contact: Training@realtyme.com

• Price: \$0.00

À mesure que les gouvernements s'appuient de plus en plus sur des outils de communication numériques, les menaces émergentes telles que les cyberattaques alimentées par l'IA et les risques liés au déchiffrement post-quantique représentent des défis majeurs.

15. 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.

16. 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.

17. 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.

18. Al governance in practice: developing secure and innovative frameworks

Registration: OPENED, 30 May 2025 - 28 Sep 2025

Dates: 20 Oct 2025 - 21 Nov 2025
Training type: Online instructor led
Location: Global or multi-regional

• Languages: English

• Event email contact: ituacademy@itu.int

• Price: \$0.00

This course offers a comprehensive exploration of the key principles, frameworks, and emerging risks shaping the future of responsible artificial intelligence (AI) governance. Designed for policymakers, regulators, and public officials, it provides practical tools to navigate the legal, ethical, and technical dimensions of AI while promoting trust, protecting rights, and aligning with global best practices.

19. 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.

20. <u>Technical, business and regulatory aspects of Artificial Intelligence and Metaverse</u> 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 (AIaaS), edge AI and edge clouds, and Industrial IoT.

21. ICT business planning for school connectivity

• Registration: OPENED, 03 Sep 2025 - 13 Oct 2025

Dates: 27 Oct 2025 - 05 Dec 2025
Training type: Online instructor led
Location: Global or multi-regional

Languages: English

• Event email contact: gustavo.fonseca-ribeiro@itu.int

• Price: \$0.00

The online training for ICT business planning toolkit: school connectivity networks provides a specialized methodology for planning ICT infrastructure aimed at connecting schools. It serves as a complement to the ITU ICT business planning toolkit – 5G networks and supports the Giga Initiative. Giga is a partnership between ITU and UNICEF to connect every school in the world to the Internet and give students access to opportunity, information, and choice.

22. 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.

23. Taller de Innovación Regulatoria: Sector de Telecomunicaciones y Digitales

Registration: OPENED, 22 Aug 2025 - 30 Sep 2025

• Dates: 29 Oct 2025 - 30 Oct 2025

Training type: Face to FaceLocation: The AmericasLanguages: Spanish

• Event email contact: carlos.lugo-silva@itu.int

• Price: \$0.00

La Alianza Digital entre la Unión Europea y América Latina y el Caribe (UE-LAC) es un compromiso estratégico para impulsar una transformación digital equitativa, inclusiva y centrada en las personas en ambas regiones. A través de la estrategia Global Gateway, la Unión Europea promueve inversiones significativas en infraestructura digital en Centroamérica y República Dominicana, buscando no solo expandir la tecnología, sino también garantizar estándares internacionales en igualdad de género, derechos humanos y sostenibilidad ambiental.

24. 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

25. 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.

26. 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.

27. Financing school connectivity

Registration: OPENED, 25 Aug 2025 - 26 Oct 2025

Dates: 25 Nov 2025 - 04 Dec 2025
Training type: Online instructor led
Location: Global or multi-regional

Languages: English

• Event email contact: danielnunes@inatel.br

• Price: \$0.00

The 'financing school connectivity' course is a 16-hour program designed to provide policymakers and government officials with a specialized and actionable understanding of financing school connectivity. The curriculum is focused on the financial landscape, dedicating its first two sections to a thorough exploration of the school connectivity financing ecosystem.

28. 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).

29. Sustainable Public Procurement for School Connectivity

Registration: OPENED, 03 Sep 2025 - 12 Oct 2025

• Dates: 02 Dec 2025 - 05 Dec 2025

• Training type: Face to Face

· Location: Global or multi-regional

• Languages: English

• Event email contact: gustavo.fonseca-ribeiro@itu.int

• Price: \$0.00

Delivered through the ITU Academy's Giga Learning Hub, the course equips procurement officials and decision-makers with the skills to design and manage sustainable and large-scale school connectivity projects. As part of the UNICEF-ITU Giga Initiative, the course aims to develop national capacity for connecting schools to the Internet in a way that meets sustainable and circular procurement goals. Developed for participants who already have a grounding in procurement, the programme focuses on school connectivity. It covers the full procurement cycle, including:

30. Al governance in practice: developing secure and innovative frameworks

Registration: OPENED, 18 Aug 2025 - 11 Oct 2025

• Dates: 15 Dec 2025 - 19 Dec 2025

• Training type: Face to Face

• Location: Global or multi-regional

• Languages: English

• Event email contact: ituacademy@itu.int

• Price: \$0.00

This face-to-face training course is designed for policymakers, regulators, civil society leaders, and professionals seeking to enhance their skills in AI governance. It provides a comprehensive introduction to AI concepts, ethics, cybersecurity, and global legal frameworks.

31. <u>Digital transformation in the public sector for social protection</u>

• Registration: OPENED, 15 Jul 2025 - 24 Oct 2025

• Dates: 26 Jan 2026 - 30 Jan 2026

Training type: Face to Face

· Location: Global or multi-regional

Languages: English

• Event email contact: ituacademy@itu.int

• Price: \$0.00

This third edition of the face-to-face training course is designed to provide a comprehensive understanding of how digital technologies can revolutionize public service and governance from a centre-of-government perspective. This edition will focus on how digital transformation and interoperability enhance service delivery and operations in the social protection sector. Through theoretical insights, practical examples from global initiatives and hands-on exercises, learners will explore strategies for implementing digital changes within their organization.

32. Al governance in practice: developing secure and innovative frameworks

Registration: OPENED, 26 May 2025 - 09 Nov 2025

• Dates: 02 Feb 2026 - 06 Feb 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 guizzes and reading materials.

33. Al governance in practice: developing secure and innovative frameworks

Registration: OPENED, 01 Aug 2025 - 30 Nov 2025

• Dates: 09 Mar 2026 - 13 Mar 2026

• Training type: Face to Face

· Location: Global or multi-regional

• Languages: English

• Event email contact: ituacademy@itu.int

• Price: \$0.00

This face-to-face training course is designed for policymakers, regulators, civil society leaders, and professionals seeking to enhance their skills in AI governance. It provides a comprehensive introduction to AI concepts, ethics, cybersecurity, and global legal frameworks.

34. Circular economy through e-waste policy and producer action

Registration: OPENED, 02 Jun 2025 - 30 Nov 2025

Dates: 23 Mar 2026 - 27 Mar 2026

• 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.

35. Strategic Fiber Optic Infrastructure Deployment and Regulatory Management

Registration: OPENED, 02 Jun 2025 - 30 Nov 2025

• Dates: 13 Apr 2026 - 17 Apr 2026

• Training type: Face to Face

· Location: Global or multi-regional

• Languages: English

· Event email contact: pougwoke@dbi.edu.ng

• Price: \$0.00

This intermediate course is tailored to equip national regulators, policymakers, and professionals with strategic insights into fiber optic infrastructure deployment. Emphasis is placed on regulatory frameworks, national broadband strategy alignment, infrastructure sharing, and stakeholder engagement critical for fostering public-private partnerships. Participants will also explore advanced compliance monitoring and policy development techniques to support sustainable broadband expansion.

36. <u>Understanding and using ICT data to inform policies for Universal and Meaningful Connectivity</u>

• Registration: OPENED, 26 Aug 2025 - 01 Feb 2026

• Dates: 11 May 2026 - 15 May 2026

• Training type: Face to Face

· Location: Global or multi-regional

· Languages: English

Event email contact: ituacademy@itu.int

• Price: \$0.00

This face-to-face training focuses on enhancing skills for using ICT statistics to design, monitor and evaluate public policies to achieve Universal and Meaningful Connectivity.

37. Artificial intelligence for the Public Sector

Registration: OPENED, 04 Jul 2025 - 31 Jan 2026

• Dates: 19 May 2026 - 26 May 2026

• Training type: Face to Face

• Location: Global or multi-regional

• Languages: English

• Event email contact: ituacademy@itu.int

• Price: \$0.00



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