

## 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. [Introduction to service quality regulation](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: halima.letamo@itu.int
- Price: \$0.00

In the telecommunications industry, price is no longer the sole factor in purchasing decisions. Service quality plays a key role to all stakeholders and, particularly, in achieving consumer satisfaction. The measurement of Quality of Service (QoS) and Quality of Experience (QoE) is, however, becoming increasingly complex to obtain as quality can be compromised by various factors along the value chain such as with the network infrastructure, the devices and/or applications a consumer is using and other factors influencing a consumer's experience.

### 2. [Universal service financing efficiency toolkit](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: Portuguese, English
- Event email contact: nancy.sundberg@itu.int
- Price: \$0.00

A practical guide for universal access and service implementation, this toolkit 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.

### 3. [Practical disaster response: how to develop table top simulation exercises \(TTX\)](#)

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- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
  - Dates: 10 Jan 2024 - 31 Dec 2024
  - Training type: Online self-paced
  - Location: World or Multi-Regional
  - Languages: English
  - Event email contact: dorismaritzadelgado@itu.int
  - Price: \$0.00

This course is aimed at providing guidance for developing table top simulation exercises which will help to test if NETPs and other national strategies for disaster preparedness and response are ready to be used when disasters strike.

#### [4. An introduction to e-waste policy](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: French, Arabic, Spanish, English
- Event email contact: rosie.mcdonald@itu.int
- Price: \$0.00

This self-paced course aims to support national stakeholders in developing national Waste Electrical and Electronic Equipment (WEEE) policy and regulation. In addition to an introduction and overview, the course consists of the following four modules: 1) Waste Electrical and Electronic Equipment (WEEE), 2) Extended Producer Responsibility (EPR), 3) Financial Management, and 4) Government Stakeholder Groups and Interests.

#### [5. Deep dive into the Extended Producer Responsibility \(EPR\) principle for e-waste management](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: rosie.mcdonald@itu.int
- Price: \$0.00

A follow-up to the introduction to e-waste policy, this course is a key resource for understanding EPR's foundation and requirements, aimed at assisting in the production of e-waste policy and regulation.

#### [6. Measuring digital development: ICT access and use by households and individuals](#)

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- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
  - Dates: 10 Jan 2024 - 31 Dec 2024
  - Training type: Online self-paced
  - Location: World or Multi-Regional
  - Languages: English
  - Event email contact: martin.schaaper@itu.int
  - Price: \$0.00

The training aims to strengthen the capacity of countries to produce ICT indicators and statistics according to international standards and methodologies. It is intended to assist national statistical offices in collecting and compiling ICT statistics on the access and use to ICTs by households and individuals, by providing guidance on the collection, processing, evaluation and dissemination of ICT household statistics.

## 7. [Introduction to broadband mapping](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: Portuguese, English
- Event email contact: ituacademy@itu.int
- Price: \$0.00

Broadband mapping combined with modern Geographic Information Systems (GIS) and its practical knowledge supports efficient identification of connectivity gaps, network planning to extend access to most critical places, and support to decision making based on evidence-based models. This training offers an introductory path to anyone interested in embarking on the exciting broadband mapping journey. Consisting of 5 modules, from the beginning GIS, data and demonstration of open source practical tools.

## 8. [Introduction to spectrum management](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: halima.letamo@itu.int
- Price: \$0.00

Wireless technology now drives the development and diversification of information and communication services for government, industry, and the public. In line with the rapid growth of many wireless services and applications, efficient management of radio spectrum has become more and more important for the socio-economic development of a country. The radio spectrum is a scarce natural resource and foundation for all the new mobile applications, and how efficiently use this

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crucial asset could decide the flourishing or languishing of new wireless service industries in a country.

## **9. [The Tampere Convention and telecommunications deployments when disasters strike](#)**

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: dorismaritza.delgado@itu.int
- Price: \$0.00

This course is to raise awareness on the importance of the Tampere Convention, how to undertake the ratification process as well as the implementation at the national level.

## **10. [An introduction to the e-waste challenge](#)**

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: rosie.mcdonald@itu.int
- Price: \$0.00

This course aims to provide an overview of the global e-waste challenge, including e-waste statistics and legislation based on the latest data from the Global E-waste Monitor and the Global E-waste Statistics Partnership. The course will take approximately 1 hour 30 minutes to complete, and participants will receive a badge certifying successful completion if the course was passed at 70% or higher.

## **11. [Measuring digital development: Telecommunication/ICT indicators](#)**

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: thierry.geiger@itu.int
- Price: \$0.00

The training aims to strengthen the capacity of countries to produce ICT indicators and statistics

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according to international standards and methodologies. It presents the main groups of telecommunication/ICT indicators collected and the different questionnaires as well as the definition and methodologies of the indicators following the ITU Handbook for the collection of administrative data on telecommunications/ICT. Examples provided address data gaps and challenges faced by countries and suggests possible solutions.

## 12. [The last mile internet connectivity](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: [thierry.geiger@itu.int](mailto:thierry.geiger@itu.int)
- Price: \$0.00

This course is based on two ITU products: The Last-Mile Connectivity Internet Solutions Guide and Broadband Connectivity Toolkit. The Last-Mile Connectivity Internet Solutions Guide was developed to support the design and development of programmes and interventions that address the lack of Internet infrastructure availability in certain areas and high Internet service prices that make Internet connectivity unaffordable for local populations.

## 13. [An introduction to developing National Emergency Telecommunication Plans](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: [dorismaritza.delgado@itu.int](mailto:dorismaritza.delgado@itu.int)
- Price: \$0.00

The course is aimed at providing information on how to develop National Emergency Telecommunications Plans through a multi-stakeholder approach including all phases of disaster management.

## 14. [Addressing the e-waste challenge through data and statistics](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: [rosie.mcdonald@itu.int](mailto:rosie.mcdonald@itu.int)

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- Price: \$0.00

This course aims to provide an overview of the global e-waste challenge, including e-waste statistics and legislation based on the latest data from the Global E-waste Monitor and the Global E-waste Statistics Partnership. The course will take approximately 12 hours to complete, and participants will receive a badge certifying successful completion if the course was passed at 70% or higher.

## 15. [Circular and sustainable public procurement for ICTs](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: rosie.mcdonald@itu.int
- Price: \$0.00

The course is a bite-sized version of the Circular and Sustainable Public Procurement for ICTs. It sets out the systems and process requirements for ICT procurement in a way that supports the transition to circular and sustainable system solutions.

## 16. [Greening data centers](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: rosie.mcdonald@itu.int
- Price: \$0.00

Reliable, secure data-hosting solutions are becoming increasingly important to support everyday functions across societies. Although data infrastructure such as data centers and cloud solutions are essential for storing and processing data, they are highly energy intensive and consume refrigerants and often large amounts of water for cooling. As such, they leave a large environmental footprint and contribute to greenhouse gas (GHG) emissions. Climate change also affects data centers.

## 17. [How to design and develop online courses](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English

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- Event email contact: halima.letamo@itu.int
  - Price: \$0.00

This course aims to improve skills in designing and developing online courses, consisting of 5 modules, including practical tasks and access to multimedia resources for converting face-to-face content into online courses.

## 18. [Mobile phone data](#)

- Registration: OPENED, 10 Jan 2024 - 20 Dec 2024
- Dates: 10 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: thierry.geiger@itu.int
- Price: \$0.00

This course aims to raise awareness of what Mobile Phone Data is and to showcase how it can be applied at a National Statistical Organisation (NSO). Information will be shared on how to obtain Mobile Phone Data, plus the opportunities and challenges it presents for incorporating its use at the NSO. The course has been developed by the Task Team on Mobile Phone Data of the UN Committee of Experts on Big Data and Data Science for Official Statistics (UN-CEBD).

## 19. [Green and digital entrepreneurship for women](#)

- Registration: OPENED, 12 Jan 2024 - 20 Dec 2024
- Dates: 12 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: rosie.mcdonald@itu.int
- Price: \$0.00

This training course empowers start-up and scale-up women entrepreneurs by developing green digital entrepreneurship knowledge and skills in order to increase their economic empowerment. The course is designed to guide participants through the concepts and benefits of green business, green and circular economy and sustainability concepts. It also explores digital green concepts, how to green supply chains and green finance. This course has been made possible with the support of the Women's Entrepreneurship Accelerator (WEA).

## 20. [How to set up assessments in the ITU Academy platform](#)

- Registration: OPENED, 15 Jan 2024 - 20 Dec 2024
- Dates: 15 Jan 2024 - 31 Dec 2024

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- Training type: Online self-paced
  - Location: World or Multi-Regional
  - Languages: English
  - Event email contact: ituacademy@itu.int
  - Price: \$0.00

The overall goal of this course is to improve the skills of the learners in setting up and using formative and summative assessment tools in the ITU Academy Moodle platform.

## **21. [Lifecycle, principles and good-practices on national cybersecurity strategy development and implementation](#)**

- Registration: OPENED, 15 Jan 2024 - 20 Dec 2024
- Dates: 15 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: French, Russian, Spanish, English
- Event email contact: orhan.osmani[at]itu.int
- Price: \$0.00

Focusing on protecting civilian aspects of cyberspace, this course covers the overarching principles and good practices in drafting, developing, and managing a National Cybersecurity Strategy, based on existing models and frameworks.

## **22. [Child Online Protection for policy-makers](#)**

- Registration: OPENED, 18 Jan 2024 - 20 Dec 2024
- Dates: 18 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: French, English
- Event email contact: fanny.rotino@itu.int
- Price: \$0.00

Designed for policy-makers, this course focuses on child online behaviours, threats, and risks associated with cyberspace, aiming to develop national policies and strategies that are holistic, inclusive, and evidence-based.

## **23. [ICT Accessibility: the key to inclusive communication](#)**

- Registration: OPENED, 18 Jan 2024 - 20 Dec 2024
- Dates: 18 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional



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- Languages: French, Russian, Arabic, Spanish, English
  - Event email contact: roxana.widmer-iliescu@itu.int
  - Price: \$0.00

Information and communication technologies (ICTs) have become a part of everyone's life as the primary means for communications, information sharing, transactions, education, and entertainment, regardless of one's age, gender, or ability. Therefore, it is essential to know how to communicate with each other in a digitally inclusive way mainstreaming ICT accessibility as the key to achieving a digitally inclusive world. To achieve inclusive communication, ICT accessibility requirements, principles and standards should be fully considered and implemented.

#### **24. [Web Accessibility: the cornerstone of digital society](#)**

- Registration: OPENED, 18 Jan 2024 - 20 Dec 2024
- Dates: 18 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: French, Russian, Arabic, Spanish, English
- Event email contact: roxana.widmer-iliescu@itu.int
- Price: \$0.00

Every day we see how Information and Communication Technologies (ICTs) impact our lives and participation in society by the way we work, learn, purchase our goods, listen to the news, or communicate with one another. Access to information is a fundamental human right. Our world is digital, and most of the information we receive is through digital platforms, such as websites. For this reason, web accessibility has never been as crucial as it is today. The accessibility of websites is key to ensure equal and equitable access for all people to ICTs and their related products and services.

#### **25. [Child Online Protection for parents and carers \(introductory\)](#)**

- Registration: OPENED, 18 Jan 2024 - 20 Dec 2024
- Dates: 18 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: fanny.rotino@itu.int
- Price: \$0.00

Aimed at parents and guardians, this course covers child online behaviours, threats, and risks, helping to build open conversations about cyber safety in the family setting.

#### **26. [Child Online Protection for educators: social workers, academic and non-academic staff \(introductory\)](#)**

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- Registration: OPENED, 18 Jan 2024 - 20 Dec 2024
  - Dates: 18 Jan 2024 - 31 Dec 2024
  - Training type: Online self-paced
  - Location: World or Multi-Regional
  - Languages: French, Spanish, English
  - Event email contact: fanny.rotino@itu.int
  - Price: \$0.00

Tailored for professionals in the education sector, this introductory course on Child Online Protection addresses online risks and provides guidance on shaping positive digital practices among young people.

## **27. [ICTs for better ageing and livelihood in the digital landscape](#)**

- Registration: OPENED, 18 Jan 2024 - 20 Dec 2024
- Dates: 18 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: French, Spanish, English
- Event email contact: roxana.widmer-iliescu@itu.int
- Price: \$0.00

The training course aims to raise awareness of and increase the capacity of ITU members, stakeholders and policy-makers to address the two global megatrends of population ageing and the exponential rise in digital technologies. Through its three modules the training provides holistic information and guidelines to support all stakeholders' efforts to ensure that older persons are empowered by new technologies and are digitally included.

## **28. [Child Online Protection for parents and carers \(intermediate\)](#)**

- Registration: OPENED, 18 Jan 2024 - 20 Dec 2024
- Dates: 18 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: fanny.rotino@itu.int
- Price: \$0.00

This course engages parents in understanding the nature of children's online engagements, focusing on reducing risks and safeguarding children online.

## **29. [Child Online Protection for educators: social workers, academic and non-academic staff \(intermediate\)](#)**

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- Registration: OPENED, 18 Jan 2024 - 20 Dec 2024
  - Dates: 18 Jan 2024 - 31 Dec 2024
  - Training type: Online self-paced
  - Location: World or Multi-Regional
  - Languages: French, Spanish, English
  - Event email contact: fanny.rotino@itu.int
  - Price: \$0.00

This course is designed to help educators better understand the risks related to Online Child Sexual Exploitation and Abuse (further - OCSEA), and how the educational environments can be used to prevent children from harm associated with OCSEA.

### **[30. How to ensure inclusive digital communication during crisis and emergency situations](#)**

- Registration: OPENED, 18 Jan 2024 - 20 Dec 2024
- Dates: 18 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: French, Arabic, Spanish, English
- Event email contact: roxana.widmer-iliescu@itu.int
- Price: \$0.00

This self-paced online course on inclusive digital communication during crises and emergency situations has been developed in response to the COVID-19 pandemic. This health crisis has revealed the importance of ensuring that every person can access and utilise digital information provided through digital platforms, which in these situations could be vital. The world is facing an unprecedented experience in which Information and Communication Technologies (ICTs) are, in certain circumstances, almost the only possibility for people to communicate with one another.

### **[31. Smart for all: beyond smart cities, building inclusive and digitally accessible environments and communities](#)**

- Registration: OPENED, 19 Jan 2024 - 20 Dec 2024
- Dates: 19 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: French, Russian, Arabic, Spanish, English
- Event email contact: roxana.widmer-iliescu@itu.int
- Price: \$0.00

This course discusses building inclusive and digitally accessible environments and communities, underlining the importance of digital inclusivity and accessibility for all people, empowered through ICTs regardless of gender, age, ability, or context.

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### **32. Innovation ecosystem 101: fundamentals on building competitive and innovative ICT-centric ecosystems**

- Registration: OPENED, 19 Jan 2024 - 20 Dec 2024
- Dates: 19 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: French, Russian, Chinese, Arabic, Spanish, English
- Event email contact: mohamed.ba@itu.int
- Price: \$0.00

The course is Intended for policy-makers, decision-makers, innovators and ecosystem builders who wish to build thriving entrepreneurial communities that can navigate technological revolutions and create competitive ICT industries. The course introduces key terminologies, concepts, tools and steps to assess your country's innovation capacity through practical information. Upon completion of the course, you will understand: Innovation, digital ecosystems and digital transformation, and their relationship to national development priorities.

### **33. Inclusive digital transformation for the achievement of the SDGs and the SAMOA Pathway in SIDS**

- Registration: OPENED, 19 Jan 2024 - 20 Dec 2024
- Dates: 19 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: French, Portuguese, Spanish, English
- Event email contact: halima.letamo@itu.int
- Price: \$0.00

The past two years have shown that digital transformation is no longer optional. It is a central tool for public service delivery, citizen engagement, and catalysing new industries and opportunities. Digital is a key enabler for development in Small Island Developing States, with a crucial role in building their resilience and economic recovery.

### **34. Inclusive employment: how to ensure that online job applications and recruitment systems are accessible to all**

- Registration: OPENED, 19 Jan 2024 - 20 Dec 2024
- Dates: 19 Jan 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: jenny.arana@itu.int
- Price: \$0.00

One of the many barriers that persons with disabilities face in accessing employment opportunities is

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that many career sites and job portals do not contain accessible digital content and have not been designed and developed with ICT accessibility requirements in mind. Employers committed to inclusive employment need to be aware of this. Guaranteeing that job portals meet the necessary accessibility requirements is critical for persons with disabilities to enter and thrive in the labour market.

### **35. [5G Essentials](#)**

- Registration: OPENED, 13 Feb 2024 - 20 Dec 2024
- Dates: 16 Feb 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: danielnunes@inatel.br
- Price: \$105.00

This online self-paced course provides a comprehensive overview of the 5G technology and its potential to bring social and economic growth to developing countries. Through ten videos covering topics such as enabling technologies, 5G applications, network architecture, core network, and access network, learners will gain knowledge and insights into how 5G can bridge the digital divide, improve healthcare, education, and agriculture, and enhance overall economic growth.

### **36. [Introduction to technical and soft skills with the African Girls Can Code Initiative](#)**

- Registration: OPENED, 01 Mar 2024 - 20 Dec 2024
- Dates: 01 Mar 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: Africa
- Languages: English
- Event email contact: caroline.gaju@itu.int
- Price: \$0.00

With consideration of the curriculum followed in respective learning institutions, the courses delivered under the African Girls Can Code Initiative are categorized under two Modules that include Technical Skills and Soft Skills. This approach aims to build and strengthen the digital skills of the young girls and enable them to pursue Science, Technology, Engineering and Mathematics (STEM) while preparing them for future career opportunities in the digital sector.

### **37. [Gender analysis and digital inclusion: how to achieve gender equality in the digital sector](#)**

- Registration: OPENED, 08 Mar 2024 - 20 Dec 2024
- Dates: 08 Mar 2024 - 31 Dec 2024
- Training type: Online self-paced

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- Location: World or Multi-Regional
  - Languages: English
  - Event email contact: ituacademy@itu.int
  - Price: \$0.00

By completing this course, you will be able to better understand how to achieve gender equality in the digital sector, and how gender analysis can be used as a tool to contribute towards project, program and global goals towards gender equality results. Research reveals that despite unprecedented advances in digital technologies, women worldwide face unique barriers preventing them from fully benefiting from the digital sector at large. The problem is that the digital sector is an area where gender analysis has been less widely used than in other sectors, leading to gender inequalities.

### **38. [Child rights and business in the digital environment](#)**

- Registration: OPENED, 13 Mar 2024 - 20 Dec 2024
- Dates: 13 Mar 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: fanny.rotino@itu.int
- Price: \$0.00

Children, or everyone under the age of 18, make up an estimated one in three internet users globally. The digital world provides children with unprecedented opportunities, while also exposing them to online risks and harms that require dedicated efforts to understand and address. Governments, parents and caregivers, educators, civil society, and children and young people themselves all around the world have a role to play in shaping a safe and positive digital environment for children.

### **39. [Strategic foresight 101](#)**

- Registration: OPENED, 04 Mar 2024 - 20 Dec 2024
- Dates: 15 Mar 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World 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.

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#### 40. [Advanced broadband mapping](#)

- Registration: OPENED, 01 Apr 2024 - 20 Dec 2024
- Dates: 01 Apr 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: vladimir.daigele@itu.int
- Price: \$0.00

Broadband mapping combined with modern Geographic Information Systems (GIS) and its practical knowledge supports efficient identification of connectivity gaps, network planning to extend access to most critical places, and support to decision making based on data-based models. Developed by the ITU, this training offers an advanced path to continue the introductory course of Broadband Mapping, provided also in a Self-paced format by the ITU Academy.

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

- Registration: OPENED, 22 Apr 2024 - 01 Dec 2024
- Dates: 22 Apr 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: Portuguese, Spanish, English
- Event email contact: carlos.lugo-silva@itu.int
- 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.

#### 42. [Business planning for ICT infrastructure development](#)

- Registration: OPENED, 29 Apr 2024 - 20 Dec 2024
- Dates: 29 Apr 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: vladimir.daigele@itu.int
- Price: \$0.00

The ICT infrastructure business planning training course offers regulators, policymakers, and stakeholders a practical approach for the accurate economic evaluation of broadband infrastructure installation and deployment plans. The expert guidance offered in this course is based on the ITU ICT

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infrastructure business planning toolkit - 5G networks, 2023 and aims at facilitating the development of credible and coherent business plans adaptable to a wide range of broadband infrastructure deployment projects.

#### [43. Global satellite regulation essentials: key principles, institutional landscape and the role of ITU](#)

- Registration: OPENED, 01 May 2024 - 20 Dec 2024
- Dates: 01 May 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: vladimir.daigele@itu.int
- Price: \$0.00

The course on the Orbit-Spectrum International Regulatory Framework, with a specific focus on ITU's regulatory procedures, is designed to provide an introduction to the key principles of the regulations governing satellite projects. Participants will learn about the international legal and regulatory framework that governs the use and management of radio frequency spectrum and associated orbits. The course will also delve into ITU's specific regulatory processes, clarifying when and how to engage with this entity for requesting or registering radio frequencies for satellite projects.

#### [44. IoT solutions for agribusiness advancement](#)

- Registration: OPENED, 17 Jun 2024 - 20 Dec 2024
- Dates: 17 Jun 2024 - 31 Dec 2024
- Training type: Online self-paced
- Location: World or Multi-Regional
- Languages: English
- Event email contact: d.danielnunes@inatel.br
- Price: \$105.00

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.

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

- Registration: OPENED, 20 May 2024 - 08 Jul 2024
- Dates: 15 Jul 2024 - 09 Aug 2024
- Training type: Online instructor led
- Location: World or Multi-Regional
- Languages: English



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- Event email contact: [jmwakijele@afraiti.org](mailto:jmwakijele@afraiti.org)
  - Price: \$0.00

The course aim is to: - Clarify organizations responsible to set the standards and mechanisms established by national authorities to enforce mandatory standards. - Help self-monitoring of players in order to conform to set standards and those of the regulator. - Analyze the available penalties for contravening the set standards. - Ensure the participants differentiate the different roles undertaken by various players in the field. - Assess cases for licensing based on pre-established set of standards.

#### 46. [Practicing Cyber Threat Intelligence \(CTI\) analyst skills](#)

- Registration: OPENED, 25 Mar 2024 - 15 Jul 2024
- Dates: 22 Jul 2024 - 12 Aug 2024
- Training type: Online instructor led
- Location: World or Multi-Regional
- Languages: English
- Event email contact: [rj@nracs.it](mailto:rj@nracs.it)
- Price: \$0.00

This comprehensive training program is tailored to provide attendees with practical analyst skills in Cyber Threat Intelligence (CTI) using MISP - one of the most widely used Threat Intelligence Platform (TIP) platform in the field. MISP is a powerful open-source threat intelligence platform organizations can use to store, share and receive information about malware, threats, and vulnerabilities in a structured way.

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

- Registration: OPENED, 20 Jun 2024 - 22 Jul 2024
- Dates: 29 Jul 2024 - 02 Aug 2024
- Training type: Online instructor led
- Location: World or Multi-Regional
- Languages: English
- Event email contact: [dir.ft-nti@gov.in](mailto:dir.ft-nti@gov.in)
- Price: \$0.00

The course, "Role of ICT in Disaster Management," is structured to illuminate the pivotal role of Information and Communication Technology (ICT) in the spectrum of disaster management phases—mitigation, preparedness, response, and recovery. Encompassing a well-rounded curriculum, this course delves into Disaster Management (DM) Framework, including regulatory, legal, and policy frameworks that enable the use of technologies for DM, and the roles and responsibilities of each of administration involved in Disaster Risk Reduction (DRR) at the country level.

#### 48. [SMTP EM 1.3 - Spectrum management for satellite systems](#)

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- Registration: OPENED, 29 Apr 2024 - 02 Aug 2024
  - Dates: 05 Aug 2024 - 30 Aug 2024
  - Training type: Online instructor led
  - Location: World 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.

#### **49. [SMTP EM 1.1 - Spectrum monitoring](#)**

- Registration: OPENED, 20 Mar 2024 - 01 Aug 2024
- Dates: 05 Aug 2024 - 30 Aug 2024
- Training type: Online instructor led
- Location: World or Multi-Regional
- Languages: English
- Event email contact: ituacademy@itu.int
- 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.

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

- Registration: OPENED, 31 May 2024 - 02 Aug 2024
- Dates: 05 Aug 2024 - 16 Aug 2024
- Training type: Online instructor led
- Location: World 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.

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

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- Registration: OPENED, 24 Apr 2024 - 07 Aug 2024
  - Dates: 12 Aug 2024 - 21 Aug 2024
  - Training type: Online instructor led
  - Location: World 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.

## 52. [Excellence in digital government](#)

- Registration: OPENED, 28 May 2024 - 07 Jul 2024
- Dates: 12 Aug 2024 - 16 Aug 2024
- Training type: Face to Face
- Location: World or Multi-Regional
- Languages: English
- Event email contact: ghazi.mabrouk@itu.int
- Price: \$0.00

This training aims to develop a critical understanding of the challenges and critical success factors that need to be considered in considering the investment to spearhead the development of digital government. At a high level, the programme comprises three main areas of knowledge sharing and skills development organised into three major themes. Theme one establishes the contours of digital transformation by navigating and dissecting the social and economic value induced by the adoption and proliferation of digital technologies.

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

- Registration: OPENED, 20 Jun 2024 - 18 Aug 2024
- Dates: 19 Aug 2024 - 26 Aug 2024
- Training type: Online instructor led
- Location: World 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

#### 54. [Digital transformation in the public sector](#)

- Registration: OPENED, 29 May 2024 - 21 Jul 2024
- Dates: 02 Sep 2024 - 06 Sep 2024
- Training type: Face to Face
- Location: World or Multi-Regional
- Languages: English
- Event email contact: ghazi.mabrouk@itu.int
- Price: \$0.00

The digital transformation in the public sector course is designed to provide a comprehensive understanding of how digital technologies can revolutionize public service and governance. Through a mix of theoretical insights, practical examples from global initiatives and hands-on exercises, learners will explore strategies for implementing digital changes within their organization. This course aims to equip learners with the skills and knowledge to lead and participate in digital transformation effectively.

#### 55. [National cyber crisis management](#)

- Registration: OPENED, 09 Feb 2024 - 26 Aug 2024
- Dates: 02 Sep 2024 - 03 Sep 2024
- Training type: Online instructor led
- Location: World or Multi-Regional
- Languages: English
- Event email contact: rj@nrdcs.lt
- 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.

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

- Registration: OPENED, 09 Feb 2024 - 26 Aug 2024
- Dates: 03 Sep 2024 - 05 Sep 2024
- Training type: Online instructor led
- Location: World or Multi-Regional
- Languages: English
- Event email contact: rj@nrdcs.lt

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- 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. Our experienced instructors bring a wealth of knowledge and expertise to the course, drawing upon real-world cases to share the critical lessons learned.

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

- Registration: OPENED, 20 Jun 2024 - 22 Sep 2024
- Dates: 23 Sep 2024 - 30 Sep 2024
- Training type: Online instructor led
- Location: World 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.

## 58. [Cyber resilience of critical information](#)

- Registration: OPENED, 31 May 2024 - 18 Sep 2024
- Dates: 01 Oct 2024 - 04 Oct 2024
- Training type: Online instructor led
- Location: World 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. This training course focuses on protecting and strengthening the cyber resilience of critical information infrastructures. The course will also introduce participants to the key terms, policy, guidance, and preparedness efforts required to safeguard critical information infrastructures.

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

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- Registration: OPENED, 02 May 2024 - 04 Oct 2024
  - Dates: 09 Oct 2024 - 23 Oct 2024
  - Training type: Online instructor led
  - Location: World or Multi-Regional
  - Languages: English
  - Event email contact: ituacademy@itu.int
  - 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.

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

- Registration: OPENED, 26 Apr 2024 - 04 Oct 2024
- Dates: 09 Oct 2024 - 24 Oct 2024
- Training type: Online instructor led
- Location: World 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.

## 61. [The technology evolution and planning of broadband network](#)

- Registration: OPENED, 18 Mar 2024 - 07 Oct 2024
- Dates: 14 Oct 2024 - 28 Oct 2024
- Training type: Online instructor led
- Location: World or Multi-Regional
- Languages: English
- Event email contact: wangying@caict.ac.cn
- Price: \$0.00

This course will help the participants to know about the overall development status and experience of China's broadband network and universal service development status and experience; the introduction of different optical fiber broadband access technologies and technical solutions for fiber-to-the-room; the planning of FTTH network; management and operation of Massive Home Gateways; troubleshooting of FTTH networks.

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## 62. [Gestión del espectro: bases legales y marco regulatorio](#)

- Registration: OPENED, 28 May 2024 - 31 Aug 2024
- Dates: 14 Oct 2024 - 25 Oct 2024
- Training type: Blended
- Location: World or Multi-Regional
- Languages: Spanish
- Event email contact: [ituacademy@itu.int](mailto:ituacademy@itu.int)
- Price: \$0.00

El módulo aborda tres elementos cruciales en la gestión del espectro radioeléctrico (RE): la UIT (Unión Internacional de Telecomunicaciones), la CITELE (Comisión Interamericana de Telecomunicaciones) y las CRM (Conferencias Regionales de Radiocomunicaciones). Se analiza un marco de referencia que ofrece una visión global de las radiocomunicaciones y las tendencias en el uso de las bandas del espectro RE, especialmente en relación con las nuevas tecnologías de banda ancha.

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

- Registration: OPENED, 27 Jun 2024 - 15 Sep 2024
- Dates: 29 Oct 2024 - 31 Oct 2024
- Training type: Face to Face
- Location: World or Multi-Regional
- Languages: English
- Event email contact: [ituacademy@itu.int](mailto:ituacademy@itu.int)
- Price: \$0.00

Cybersecurity exercises are a very effective way of learning the practical aspects of information security. But designing such exercises is not an easy task. This course provides a number of steps and guidelines that should be followed when designing a cyber exercise. The steps include defining the objectives, choosing an approach, designing network topology, creating a scenario, establishing a set of rules, choosing appropriate metrics and capturing lessons learned. This 3-day training course examines the key elements required to develop cyber disaster response simulation exercises.

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

- Registration: OPENED, 28 Jun 2024 - 23 Oct 2024
- Dates: 01 Nov 2024 - 28 Nov 2024
- Training type: Online instructor led
- Location: World or Multi-Regional
- Languages: English
- Event email contact: [ituacademy@itu.int](mailto:ituacademy@itu.int)
- Price: \$0.00

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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. The modules focus on digital inclusion, evaluation, and approaches to understanding ICTs and their relationship with development and governance in a changing technology landscape.

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

- Registration: OPENED, 13 Jun 2024 - 23 Sep 2024
- Dates: 04 Nov 2024 - 08 Nov 2024
- Training type: Blended
- Location: World or Multi-Regional
- Languages: English
- Event email contact: [ituacademy@itu.int](mailto:ituacademy@itu.int)
- Price: \$0.00

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. Then, the main building blocks of e-governance, their aims, initiatives, and enablers are introduced, and how they are related to external subjects and domains.

## 66. [Fundamentals on e-waste policy and the role of producers](#)

- Registration: OPENED, 21 Jun 2024 - 22 Sep 2024
- Dates: 05 Nov 2024 - 08 Nov 2024
- Training type: Face to Face
- Location: World or Multi-Regional
- Languages: English
- Event email contact: [ituacademy@itu.int](mailto:ituacademy@itu.int)
- Price: \$0.00

This course will provide participants with an introductory exposure to the world of policymaking and electronics producer responsibility in the area of e-waste management, bringing together key learning materials based around the underpinning legal, financial and administrative components of well-functioning e-waste management systems.

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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](#)