

Registration information

Technical, business and regulatory aspects of Artificial Intelligence and Metaverse for future Internet and telecoms

Organized by:



Training details

Modality: Online instructor led

Dates: 30 Nov 2026 - 07 Dec 2026

Training fees: \$150.00

Language: English

Application deadline: 29 Nov 2026

Payment methods: bank_transfer, Bank transfer

Training code: 26OI500380MUL-E-D

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Training description

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. It also covers AI for 5G/6G mobile networks, spectrum management, QoS, and cybersecurity, as well as regulation and governance of AI including Explainable AI (XAI) and effective AI governance. Further, the course covers Metaverse enabling technologies XR, digital twins, IoT, and AI, as well as future 6G and mobile Metaverse services including ITU IMT-2030 framework, AI-native 6G networks and mobile Metaverse services such as immersive XR and Industry 5.0. Also, it includes QoS for future Metaverse, Internet and telecoms, including 6G QoS, KPIs for mobile Metaverse services, QoS and QoE measurements for future services, as well as personalized QoS

and QoE. Finally, the course covers Metaverse cybersecurity including AI and Generative AI tools for Metaverse cybersecurity, digital identity management, blockchain, quantum security, and cybersecurity strategies, as well as key business and regulatory aspects of the Metaverse including competition and market dynamics, privacy, accessibility, network neutrality, and governance for future Metaverse, Internet and telecoms.

For more information about the training objectives, target population, entry requirements, methodology, evaluation and content, consult the page [here](#).

How to apply

In order to register for the training, applicants should:

1. Create an ITU Academy account [here](#)
2. Apply for the course [here](#)
3. The selection of participants for the course will be made by the course coordinators, based on the course's entry requirements, selection criteria and available number of seats. If selected, you will receive a notification by email.

How to pay for the training

This course is organized by National Institute of Telecommunications (NIT), an ITU Academy Training Centre, which will collect the training fees directly.

You will find details about the payment process of this Centre at the following [link](#) or alternatively in your ITU Academy account under [My courses](#).

Kindly note that payment must be made by 06 Dec 2026

Group registration and payment

Registration and payment for multiple people from an organization is possible through institutional contacts.

To become an institutional contact:

1. Go to your profile page by clicking on the “My account” button in the user menu and click on the “Apply to be an Institutional Contact” button
2. Fill in the required information and click “continue”, a request will be created.
3. An ITU Academy manager will manually review this request and accept or deny it accordingly.
4. If accepted, you will find a new menu tab “Institutional Contact” appearing in the top bar. You can now request multiple seats in a course and assign them to people from your group. Kindly note, each individual must create an ITU Academy account.



The [ITU Academy](#) is the International Telecommunication Union leading platform for capacity development initiatives.

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