
[New Broadband Internet, Cloud Computing, IoT/AI and Future Services](#)

Registration

Start date of registration

01 Jan 2022

-

End date of registration

31 May 2022

Event dates

Start date

31 May 2022

-

End date

27 Jun 2022

Location

Europe

Training topics

Training topics

Wireless and fixed broadband

Training type

Training modality

Online instructor led

Languages

Languages

English

Event organizer

Event organizer

Faculty of Electrical Engineering and Information

Tutors

- Toni Janevski
- Tomislav Shuminoski
- Marko Porjazoski

Coordinators

- Elind Sulmina

Event email contact

Event mail contact

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Price

\$150.00

Description

This course will focus on New Broadband Internet, Cloud Computing, IoT/AI and Future Services, including technologies, regulation and business aspects. It consists of 4 Modules, where each module lasts one week. Module 1 will cover broadband fixed and mobile Internet, including open Internet architecture and technologies (IPv4, IPv6, TCP, UDP, DNS), IP transport and IPXs, HTTP 2.0, WWW, KPIs and end-to-end QoS in fixed and mobile broadband, cybersecurity, new Internet 2030, as well as regulatory strategies for broadband Internet. Module 2 will include future broadband access and cloud computing, including future metallic and cable access (MG.fast, DOCSIS 4.0), future FTTH optical access (ITU's NG-PONs), submarine cable, future satellite broadband, network slicing for fixed and 5G mobile, ITU's Cloud Computing architectures and service models, edge computing, as well as business and regulatory aspects of future broadband and clouds. Further, Module 3 will cover ITU's framework for Internet of Things (IoT), Web-based IoT, Big Data, ITU's framework for Artificial Intelligence (AI) and Machine Learning (ML), Intelligent IoT, Blockchain for IoT data, Quantum Internet, as well as business and regulatory aspects. Finally, Module 4 will include future telecom services (ITU's Network 2030), future TV and video/VR/AR, cl

Registration and payment information

[Document on registration and payment information \(English\)](#)

Unless specified otherwise, all ITU Academy training courses are open to all interested professionals, irrespective of their race, ethnicity, age, gender, religion, economic status and other diverse backgrounds. We strongly encourage registrations from female participants, and participants from developing countries. This includes least developed countries, small island developing states and landlocked developing countries.

Related documentation and links

[Training course outline](#) 173.32 KB

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