
[Future broadband internet, cloud computing and internet of things](#)

Registration

Start date of registration

19 Dec 2019

-

End date of registration

08 Jun 2020

Event dates

Start date

26 May 2020

-

End date

22 Jun 2020

Location

Europe

Training topics

Training topics

Internet of Things

Training type

Training modality

Online instructor led

Languages

Languages

English

Event organizer

Event organizer

FEEIT

Tutors

- Toni Janevski
- Tomislav Shuminoski
- Marko Porjazoski

Coordinators

- Lena Lattion

Event email contact

Event mail contact

tonij@feit.ukim.edu.mk

Price

\$150.00

Description

This course will focus on Future Broadband Internet, Cloud Computing and Internet of Things, including technologies, regulation and business aspects. It will cover Internet technologies, including IPv6, migration from IPv4 to IPv6, DNS, DHCP, Internet networking, HTTP 2.0, IP interconnection, IP QoS, cybersecurity, as well as Internet governance. Also, the course will include MPLS/IP transport, VPNs, Carrier Ethernet, as well as future gigabit copper, fiber optic, submarine cable, and satellite broadband access. Further, it will cover Software Defined Networking (SDN) and network virtualization (NFV) for fixed and mobile access and core, ITU's Cloud Computing architectures and models (SaaS, PaaS, IaaS), cloud security and privacy, OTT and telecom clouds, edge and fog computing services, as well as clouds governance. It will also include Internet of Things (IoT) and Web of Things (WoT), including critical IoT and massive IoT, data management, Big Data architectures, Big Data-driven networking, as well as IoT/data security, privacy and trust. The course will also include use of Artificial Intelligence (AI) for Internet and telecoms. Finally, it will cover future broadband OTT services (video, social, AR/VR, Web 3.0) and net neutrality, future IPTV, Industry 4.0, smart city, future clouds, future IoT/Big-Data/AI services, including their business and regulatory aspects.

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

[Course outline](#) 460 KB

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