

Registration information

Low earth orbit communication satellites and applications in digital economy era

Organized by:



Training details

Modality: Online instructor led

Dates: 20 Jul 2026 - 31 Jul 2026

Training fees: \$150.00

Language: English

Application deadline: 10 Jul 2026

Payment methods: bank_transfer, credit_card, Bank transfer, Credit card

Training code: 26OI500412MUL-E-D

Contact: pougwoke@dbi.edu.ng

Training description

This comprehensive training program equips participants with in-depth knowledge of Low Earth Orbit (LEO) communication satellites and their diverse applications in the 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. Their proximity to Earth results in lower latency and enhanced data transfer speeds, making them particularly suitable for applications demanding real-time connectivity.

Participants will gain insights into the technical aspects, deployment strategies, and practical

applications of LEO satellites in driving digital transformation across various sectors.

An integral aspect of the course is the exploration of LEO satellite applications in the digital economy. From providing connectivity solutions in remote areas to supporting Internet of Things (IoT) devices and delivering broadband services, LEO satellites play a pivotal role in fostering economic development and bridging digital divides.

The participants will delve into the regulatory and policy frameworks governing satellite communication, including spectrum allocation and licensing. The course also addresses the critical issue of security, exploring measures to safeguard satellite systems from potential threats and cyber-attacks.

As technology continues to advance, the course anticipates and analyzes future trends in LEO satellite technology. From next-generation satellites to integration with 5G networks, the participants will gain a forward-looking perspective on the evolving landscape of satellite communication.

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 Digital Bridge Institute (DBI), 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 11 Jul 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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