



**International Telecommunication Union (ITU)  
Arab Regional Office (ARO)**

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Cairo, 19 November 2020

- Administrations of ITU Member States
- Regulators
- ITU-D Sector Members and Associates
- Academia Members
- Regional and International Organizations concerned
- Regional chairs and vice chairs of the Advisory Groups and Study Groups  
In the Arab region

**Subject: ITU Centres of Excellence Online Training Course on “Ultra-Microwave Broadband Internet Access”, 7-10 December 2020**

Dear Madam/Sir,

I am pleased to invite your organization to participate in the online training course on **“Ultra Microwave Broad Band Internet Access”** organized jointly by the International Telecommunication Union (ITU) and Sudatel Telecommunications Academy (SUDACAD), from 7 to 10 December 2020, as part of broadband & wireless networks programme under the auspices of the ITU Centres of Excellence for the Arab region. The training will be delivered in English & Arabic.

This training aims to help participants learn and understand Microwave technologies and their effects on business management, and to be aware of Microwave planning, capacity configuration, Microwave design, Microwave route and Microwave tools.

By the end of this training, the participants should be able to:

- Understand concepts of Microwave technologies.
- Understand the key concepts behind the tools for solving various problems in Microwave engineering.
- Understand Microwave planning, analysis, design and development of Microwave systems.
- Understand how does Microwave planning tool working.

The course targets those who are responsible for Network Operation Center (NOC) engineers, Microwave Planning and Microwave project engineers, regulators, analysis engineers and academia. Other institutions and individuals who are interested in having an overview of Microwave systems are also welcome to participate in this training course.

Detailed information on this training course is described in the course outline, which can be downloaded from the ITU Academy portal at the following link ([Click here](#))<sup>1</sup>. Registration should be made online at the aforementioned link no later than **5 December 2020**. Payment details are specified in the training course outline.

Should you require any further information, Eng. Mustafa Al Mahdi, Programme Officer, at ITU Arab Regional Office, E-mail: ([mustafa-ahmed.al-mahdi@itu.int](mailto:mustafa-ahmed.al-mahdi@itu.int)) and Eng. Mohaned Abdalla Suleiman, Senior Engineer at Planning & Development Dept., SUDACAD ([mohanedas@sudatel.sd](mailto:mohanedas@sudatel.sd)) are at your full disposal.

Looking forward to your active participation in this online training course.

Yours faithfully,

[original signed]

**Adel M. Darwish**  
Regional Director  
Arab Regional Office

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<sup>1</sup><https://academy.itu.int/index.php/training-courses/full-catalogue/ultra-microwave-broadband-internet-access-0>