ITUAcademy
Empowering minds

Registration information

Conformity and interoperability on test reports analysis and regulatory aspect of electromagnetic compatibility testing (EMC)

Training details

Modality: Blended
Dates: *20 Nov 2023 - 24 Nov 2023*
Training fees: $0.00
Language: English, French
Application deadline: 15 Nov 2023
Training code: 23BD100273AFR-E
Contact: jean-jacques.massima@itu.int

Training description

The Conformance and Interoperability training courses have proven to enhance capacity of participants from Member States in Africa to effectively test conformance and interoperability of equipment used in networks and digital infrastructure and to establish labs for testing including establishing policy and regulatory frameworks. Capacity acquired through this training will enable facilitation of safe usage of ICT products and services anywhere in the region, regardless of who is the manufacturer or service provider, it is therefore crucial that products and services be developed in accordance with relevant international standards, regulations and other specifications, and that their compliance be tested As widespread Conformity and interoperability of telecommunication/ICT equipment and systems allow increased market opportunities as well as the reliability and integration of world trade which can be achieved through programs, polices and decisions. This course covers understanding of Radio Frequency (RF) test reports of various telecommunication equipment, Theory of Specific Absorption Rate (SAR) and test report interpretation, Electromagnetic Interference (EMI) and Electromagnetic Susceptibility (EMS) test reports. It will cover effects of Radio Frequency (RF), Specific Absorption Rate (SAR), including Electromagnetic Interference (EMI) and Electromagnetic Susceptibility (EMS). It will look at types of equipment used for testing and arrangements of reports. It will also touch on regulatory aspect of Electromagnetic Compatibility (EMC). Participants can either follow the course online by connecting to Zoom sessions or come physically to NCA facilities. The training course hands-on aspect will enhance the practical knowledge for those who will visit the NCA â Ghana Laboratories.

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.

The ITU Academy is the International Telecommunication Union leading platform for capacity development initiatives.

International Telecommunication Union
Place des Nations, 1211 Geneva 20
Switzerland