Smart city technologies - from theory to practice

Registration

Start date of registration

05 Nov 2024

-

End date of registration

08 Sep 2025

Event dates

Start date

22 Sep 2025

-

End date

Location

Global or multi-regional

Training topics

Training topics

Wireless and fixed broadband

Smart cities and communities

Training type

Training modality

Online instructor led

Languages

Languages

English

Tutors

- Louis-Ray Harris

Coordinators

- Mikaila Collymore

Payment methods

- Credit card

Event email contact

Event mail contact

mikaila.collymore@cavehill.uwi.edu

Price

$275.00

Event organizer(s)

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Description

This course is an advanced-level course in smart city design. It focuses on both theoretical and practical aspects of specific technologies that are required when developing smart city solutions.

There is a detailed look at the communications infrastructure that forms the backbone of information and communication technologies (ICTs), which are key factors that determine the effectiveness with which smart cities can be managed and maintained. There will also be an overview of different sensors that are commonly considered for smart city implementation. The role of the built environment, which includes buildings, street furniture, foliage, etc., is also covered, and participants will gain an appreciation of the role played by construction material and other parameters in radiofrequency (RF) propagation, which enables wireless communication networks to transmit information between multiple locations.

Registration information

[Document on registration 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.

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