



ITU-GSMA 5G Capacity Building Training programme

Dubai, UAE 26-27 August 2019

Course Overview

The mobile industry is preparing to embark on the transition to fifth generation (5G) technology, which will build on the achievements of 4G while also creating new opportunities for innovation. 5G will usher in a new era that will see connectivity become increasingly fluid and flexible. This course covers the key aspects of 5G technology and examines the role governments and regulators can play in helping unlock the benefits of future 5G services for their citizens.

Course Objectives

- Learn about the underlying technologies and concepts associated with 5G.
- Discover the key differences between 5G and previous generations of mobile technology.
- Understand how governments and regulators can help accelerate the development of 5G technology and services in their countries.

Eligibility to participate

This [UKTA](#) accredited course is exclusively available free of charge to regulators, policymakers, government and ministerial officials of the regional ITU member states.

Day 1 - 26th August 2019

08:30 – 9:00	Registration
9:00 – 9:30	Welcome Remarks: <ul style="list-style-type: none">- ITU- GSMA- TRA-UAE
9:30 – 9:50	Introducing the 5G Era
10:00 – 11:00	The Development of Mobile Technology <ul style="list-style-type: none">- What is 5G?- 4G versus 5G

11:00 – 11:15	Break
11:15 – 12:30	The Global Status of 5G and Forecasts for Future Growth <ul style="list-style-type: none"> - 5G business models
12:30 – 13:30	Lunch
13:30 – 14:45	Initial Use Cases <ul style="list-style-type: none"> • Enhanced Mobile Broadband • Fixed Wireless Access
14:45 – 15:00	Break
15:00 – 16:00	New Use Cases <ul style="list-style-type: none"> • Internet of Things • Ultra-Reliable Low-Latency Communication
16:00 – 17:00	Q & A

Day 2 - 27th August 2019

9:30 – 9:50	Review of Day 1
09:50 – 11:00	Spectrum and RF-EMF <ul style="list-style-type: none"> • The global status of spectrum for 5G • 5G and RF-EMF
11:00 – 11:15	Break
11:15 – 12:30	The Capacity Challenge
12:30 – 13:30	Lunch
13:30 – 15:00	2G/3G Rationalization
15:00 – 16:00	Group Discussion and Q & A
16:30	Feedback Completion and Certificate Ceremony