5. ASSESSMENT AND GRADING

The evaluation of the participants will be based on 80% from the Final Quiz and 20% from the answers given in the course forum on the raised discussion topics on daily basis by the tutor, thus reflecting both the quantity and the quality of time spent on the course.

Participation in the course forum is mandatory in order to access the Final Quiz.

The Final Quiz will be open from 00:00 hours on Monday (16th of December 2024) according to the GMT+1 time, and will remain open for 30 hours after opening, so each participant can choose the most convenient time to solve it. However, after the start of the attempt the Quiz should be completed in 90 minutes. The Final Quiz contributes with 80% in the total grade.

The course is completed successfully with a total grade of 70% or higher. The grading will be completed by the course tutor after the course is fully completed.

Each fully registered participant who successfully completes the course with a total grade of 70% or higher will receive an ITU Certificate for this course.

The ITU certificates will be given to participants via the ITU Academy platform after completion of the course reporting and processing within the ITU.

broadband (eMBB), massive IoT
(mMTC), critical IoT (URLLC), V2X

- Spectrum for 5G/5G-Advanced on planes, Wi-Fi on the road
- Mobile satellite spectrum, NTN spectrum bands
- Support for drones (UAVs)
- Spectrum for 5G/5G-Advanced backhaul
- Spectrum policies vs. investments in 5G/5G-Advanced
- Internet/IP services in 5G-Advanced and beyond

- AI/ML assisted network slicing management and QoS/QoE support
- AI/ML for mobile metaverse use case of virtual alter ego
- Zero-touch network operations
- AI/ML operations in 5G-Advanced (AI/ML operation splitting, AI/ML model/data distribution and sharing, Distributed/Federated Learning)
- 5G-Advanced and Satellite systems (LEO, MEO, GEO, HAPS)
- 5G NTN Architectures (regenerative payload, transparent payload)
- NTN enhancements in 5G-Advanced
- 5G-Advanced system with Satellite backhaul
- Service continuity between 5G NTN and 5G Terrestrial Networks
- Satellite M2M/IoT services
- 5G NTN IoT services and market
- Network slicing in integrated terrestrial-space communication 2030

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