

5G/6G Essential Protocols and Procedures

Training and Innovation Testbed

Powered by IEEE | Wray Castle



Leverage 5G networks to *accelerate innovation* and *transform connectivity* around the world

As 5G network capabilities expand globally, so does the need for trained engineers who know the protocols and procedures required to set up and manage telecommunications systems.

5G/6G Essential Protocols & Procedures Training and Innovation Testbed, powered by IEEE and Wray Castle, is specialized training that provides a deep dive into essential 5G protocols, with a specific focus on the 5G Network Function (NF) Framework, registration processes, and Packet Data Unit (PDU) session establishment.

SPECIFICALLY DESIGNED FOR:

- System engineers and integrators
- Engineers working with operation, optimization, and troubleshooting
- Technical professionals responsible for 5G System signaling

About IEEE and Wray Castle

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. It supports a global community of more than 450,000 members through highly cited publications, conferences, technology standards, and professional and educational activities.

Wray Castle is a UK-based telecommunications training provider and consultancy firm. Since 1958, Wray Castle has provided expert training in 5G, LTE, IP, and network virtualization to more than 300,000 professionals worldwide.



Learn More and Enroll Today!
iee.org/5g6g-training-and-testbed

PROGRAM FEATURES

- 11-hour, **on-demand, self-paced** online course
- Illustrated digital course books feature **leading-edge knowledge** from subject matter experts
- **Instructional videos** discuss topics in greater depth
- Three-month access to the *IEEE 5G/6G Innovation Testbed*, a cloud-based, private, secure, end-to-end 5G network testing platform that provides **hands-on experience with critical aspects of the 5G system** and helps reinforce the theoretical knowledge delivered in the course
- **Guided exercises** for signaling scenarios make learning and applying new concepts straightforward
- Wireshark (pcap) output files provide **deep system insight**
- Virtual training **expert available** as needed
- After successful completion of the program, earn an **IEEE Certificate** bearing 11 Professional Development Hours



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