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Innovating Telecoms Training

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Watch our course intro video.

5G Policy and Charging Control

Course Description

For 5G network applications such as Voice over New Radio, network slicing and MEC (Multi access Edge Computing), policy and charging control is a critical element of the 5G architecture. This course explores the main concepts behind PCC, before then looking at the specific detail of the 5G PCC architecture, along with key aspects such as non-session and session related policy control. The three main elements of PCC Rule Binding will be discussed, before concluding with an exploration of charging in 5G.

This course has no prerequisites.

1/2 day (Live**Onsite**, Live**Online**)

3 hours learning (Online**Anytime**)

3 CPD Learning Credits

Level: 3 (Advanced)

This course will contain the following sections:

1. 5G Policy and Charging Control

Topic areas covered include:

- 5G PCC Fundamentals:
  - High Level Concepts.
  - Monetizing Services Using Policy Control.
  - Service Data Flows.
- PCC Architecture:
  - High Level Architecture.
  - Policy Control Function.
  - Binding Support Function.
  - Network Analytics Related Policy Decisions.
- Access and Mobility Related Policy Control:
  - Overview.
  - AM Policy Association Establishment.
  - AM Policy Control Request Triggers.
- UE Related Policy Control:
  - Overview.
  - UE Policy Session Creation.
  - UE Policy Delivery Service.
  - Focus on ANDSP and URSP.
- Session Management Policy Control:
  - SM Policy Association Establishment.
  - SM Related Policy.
- PCC Binding Mechanism:
  - Overview.
  - Session Binding.
  - PCC and QoS Rule Authorization.
  - QoS Flow Binding.
- 5G Charging Concepts:
  - 5G Charging Architecture (Service Based).
  - Nchf API.
  - Converged Charging Example.

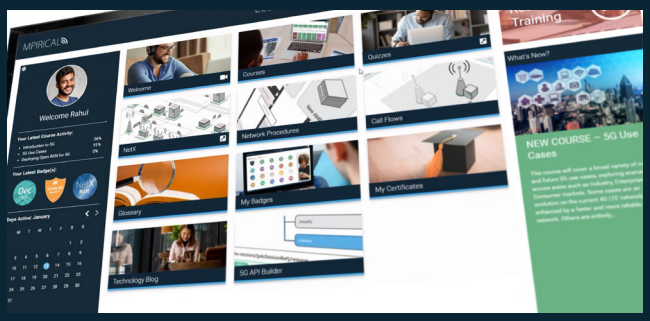
Watch a Sample Video Online

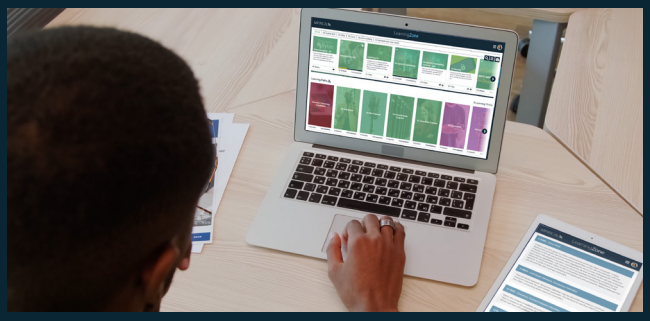
1/2 day (LiveOnsite, LiveOnline)

3 hours learning (OnlineAnytime)

3 CPD Learning Credits

LiveOnsite, LiveOnline, OnlineAnytime





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- **Technology and learning blogs**
- **Virtual network application, NetX**

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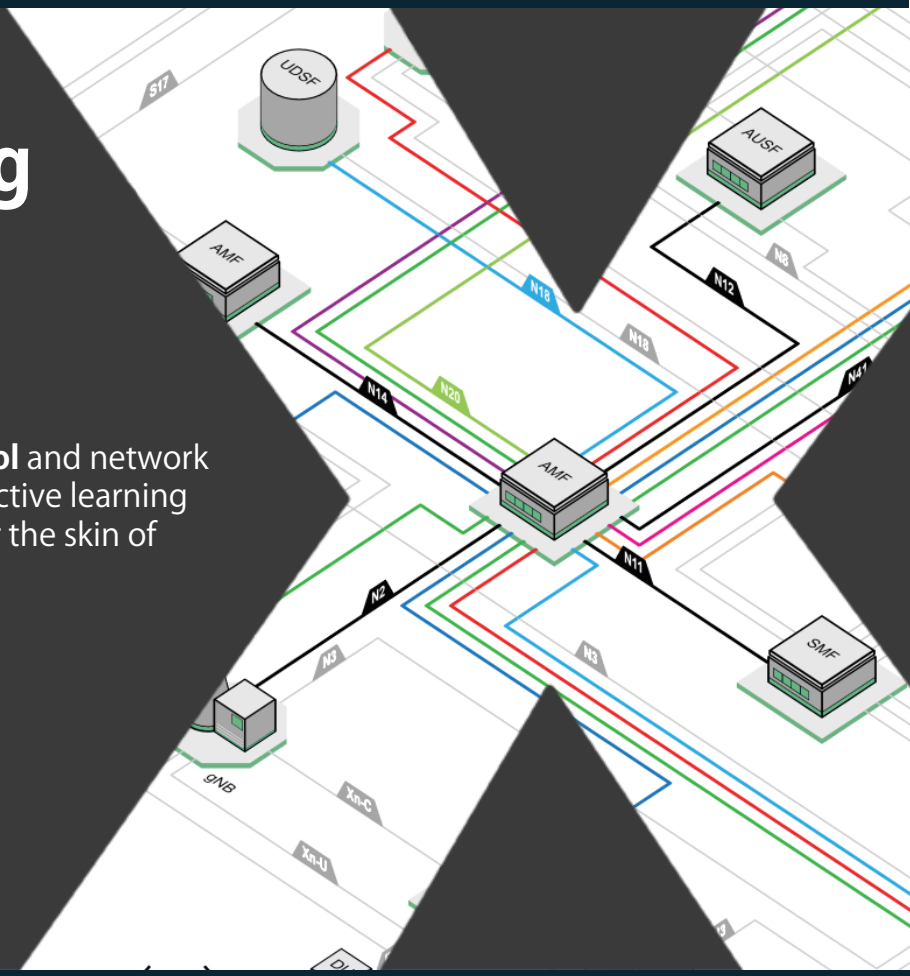

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