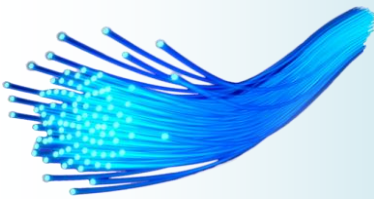


BEng (Hons) Telecommunications Engineering with Networking

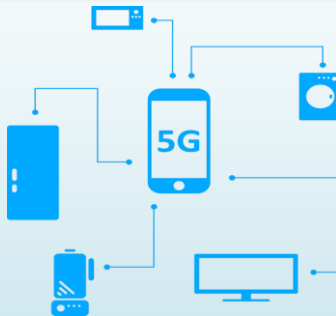


Broadcasting Technologies

Optical Communications



Mobile Communications



Networking & Security



Real Time Communications



Wireless Communications

Cloud Technology



Programme Overview

This programme has been designed to facilitate the integration of graduates into the rapidly evolving Telecommunications Industry by providing them with state of the art skills such as:

- Analysing mobile communications systems such as LTE, 4G and 5G.
- Understanding the operation and modeling of Wireless communication systems and standards such as WiFi.
- Configuring routing, switching and security protocols for LANs and WANs.
- Developing Telecommunications applications for peer to peer video conferencing such as Skype and for WiFi based calls such as WhatsApp.
- Performing basic cloud networking operations and setting up IoT systems for data collection and real-time analytics.

Job Prospects

- Telecommunications Engineer
- Broadcast Engineer
- Network Engineer
- Radio Frequency Engineer
- Wireless Engineer
- Network Security Specialist
- Telecommunications Applications Developer
- VoIP Operator
- Network Administrator
- Telecommunications and Network Analyst

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