Higher National Level 4 Flex – Networking

Subject Area	Digital
Course Type	Higher Education
Study Level	Level 4
Delivery Mode	Part-time
Location	David Hockney Building
Duration	12 Weeks
Start Date	September 2024
Course Code	HA000002

Course Summary

This programme is a short course, delivered as part of a longer programme of a longer HNC or can be completed as a standalone module. It is delivered through blended learning which means a combination of face to face and online delivery sessions. This unit aims to provide students with a comprehensive understanding of computer networking essentials, including operations, protocols, standards, security considerations, and prototypes of various networking technologies. Students will examine a variety of hardware and related software, learning to configure and install these to understand networking systems. The unit covers a broad spectrum of networking technologies to impart fundamental knowledge of Local Area Networking (LAN), Wide Area Networking (WAN), and their evolution into large-scale networks. Additionally, students will explore IP data network protocols.

By the end of this unit, students will have acquired the knowledge and skills necessary to install, operate, and troubleshoot small networks, including the functioning of IP data networks, routers, switching

technologies, IP routing technologies, IP services, and basic troubleshooting.

What You Will Learn

- Network design and configuration
- Network protocols and models
- Networking hardware and software

Progression

Each module is worth 15 credits. If you successfully complete one, two or three modules, you will receive a Certificate of Unit Credit (CoUC) upon completion of the individual units. If you finish 8 units, you will awarded a HNC. **You can progress onto other units, and then onto a HNC or HND.**

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