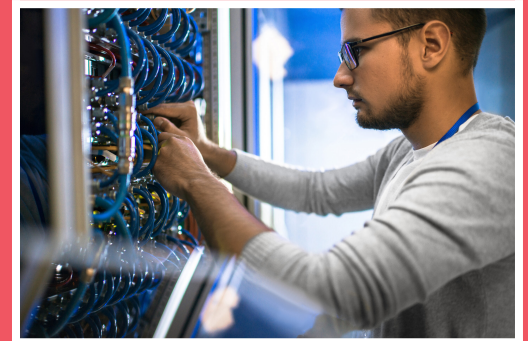


Higher National Level 4 Flex – Networking



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|---------------|------------------------|
| 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 2025 |
| 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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