

Study Programme

You can study either full and part time for this course

Full time: The Foundation Degree takes two years to complete

Part time: The Foundation Degree is designed to be completed over three to four years

Entry Requirements

Please call to discuss entry requirements

Interested?

Full time applications through UCAS. Direct application for part time study

**For more information call:
Business Services on (0113) 297 6459
or email: business@lct.ac.uk**



Network Infrastructure, Network Administration & Network Engineering

Whether you are considering a career in IT networking or already working as an IT Professional and want to enhance your qualifications, a foundation degree is a route that you should consider as it has been designed to meet the growing demand for IT Support & Networking professionals.

The FdSc Networking degrees are particularly focused on specific jobs and roles that will benefit you and your employer. Alternatively they will develop your technical skills and knowledge to the level required by most employers.

The subject areas covered are Network Engineering, Network Administration and Network Infrastructure, all of which contain a strong element of Cisco, Microsoft and Open Source technical modules.

After finishing you can “top-up” the qualification to a BSc honours degree. If you don’t want the whole degree you may wish to undertake a part of the course, which can lead to a Higher Education Certificate.

The benefits are clear:

- Improve your career opportunities and learning potential
- Develop skills that employers want
- Be well qualified to advance in your chosen career

- Progress onto further professional qualifications if desired

You will have access to:

- Industry standard Networking software and hardware
- Well-equipped facilities for library and computing
- Student support facilities, including careers guidance, and counselling service

Career opportunities include:

- Network Administrator
- Quality Engineer
- Network Design
- Network Engineer
- Project Manager Engineer
- IT Manager

Course Outline

On completion of this course you will be capable of network management, supporting desktop client systems, and networking procedures.

The course is intended to develop and build on Networking skills, communication and workplace skills with the intension of developing a strong foundation for advancing in this area.

Networking Infrastructure

Level 1 Modules

Networking Basics
Routers and routing basics
Switching basics and intermediate routing
Wan technologies

Level 2 Modules

Operating systems implementation
Implementing server infrastructure
Advanced internetwork security
Introduction to hardware firewall systems

Network Administration

Level 1 Modules

Networking Basics
Router and routing basics
Supporting desktop client systems
Networking operating systems basics

Level 2 Modules

Operating systems implementation
Implementing server infrastructure
Advanced internetwork security
Introduction to hardware firewall systems

Network Engineering

Level 1 Modules

Networking basics
Router and routing basics
Support desktop client systems
Utilising X500 based systems

Level 2 Modules

Operating systems implementation
Implementing server infrastructure
Advanced network management
Network operating systems basics

This course is run in collaboration with Leeds Metropolitan University and has been approved and accredited by the British Computer Society.

