

Module Title Unix Management	Reference EN4532
Keywords Networks, Unix	SCQF SCQF
	Level 10
	SCQF Points 15
	ECTS Points 7.5
	Created November 2003
	Approved March 2004
	Amended August 2011
	Version No. 4

This Version is No Longer Current

The latest version of this module is available [here](#)

Prerequisites for Module

None.

Indicative Student Workload

<i>Contact Hours</i>	Full Time
Seminars	6

Corequisite Modules

None.

<i>Directed Study</i>	
Directed Study	24
Practical exercises	108

Precluded Modules

None.

<i>Private Study</i>	
Private Study	12

Aims of Module

To provide the student with the ability to understand the operation and management of Unix systems.

Mode of Delivery

This module is a group project supported by a series of seminars and group discussions

Learning Outcomes for Module

On completion of this module,
~~students are expected to be able~~

Assessment Plan

students are expected to be able to:

1. Understand the operation of a Unix based network
2. Undertake the design, implementation and management of a Unix based network

Indicative Module Content

The UNIX Operating System and Environment. User Accounts. The Common Desktop Environment. Using GNOME and KDE. UNIX Workstation Troubleshooting. Accessing Files and Directories. Directory and File Management. File Security. Backing Up and Restoring. Shell Scripts. Client-Server Computing. Naming Services and Host Name Resolution. Network Resource Sharing. DNS, proxy, e-mail and web servers.

	Learning Outcomes Assessed
Component 1	1,2

Component one will be an individual report on the design and implementation of a Unix based network based on the provided specification. (100% weighting).

Indicative Bibliography

1. NEMETH, E, SNYDER, G, HEIN, TR Linux Administration Handbook, 2nd edition, Pearson Education Inc. 2007