

IT6004

Unix Systems



Course Aim This course introduces the UNIX operating system from the point of view of an administrator. It has been designed to help students gain the knowledge and skills needed to install, maintain and configure UNIX systems. It defines the essential duties of a UNIX system administrator. This unit also provides students with skills to scripting to automate repetitive tasks.

Short Title	Unix Systems	Version	3
Faculty	EDICT	Effective From	February 2016
Polytechnic Level		Indicative NQF Level	6
Credits	15	Student Contact hrs	60
Pre-requisites	None	Self-directed hrs	90
Co-requisites	None	Other directed hrs	0
Anti-requisites	None	Total learning hrs	150

Learning Outcomes	On successful completion of this course, students will be able to:	NQF Sub-strand
1	Describe the main differences between a Windows-based OS and Unix-based OS.	Theoretical Understanding
2	Install and configure a Linux client system	Practical Application of knowledge
3	Use the command-line on a UNIX system	Practical Application of knowledge
4	Manage a Linux server system (including files, processes, users)	Practical Application of knowledge
5	Write scripts to automate repetitive tasks	Practical Application of knowledge