Unit *Linux,* 1918IN123Z

Course Guide *Linux, 1918IN123A*

Course structure

Competency numbers or mastery indicator numbers	Assessment criteria and/or (assessable) Learning goals	Weighting %	Number of questions (+ question numbers)	Level[2]
Manage 1.2 -> Layout and use a management system to support software development within a team setting (SW). **Analyse 1.8** -> Describe the architecture of a computer system. (HW)	As one of the most successful open source collaborations, Linux has evolved into the most reliable operating system on the planet. It's used for embedded systems to virtually all supercomputers for a good reason. Nearly every IT job requires some Linux knowledge. Linux Essentials quickly builds your Linux knowledge and prepares you for the LPI Linux Essentials Professional Development Certificate (PDC), your proof to employers that you know Linux! Students have knowledge of and are able to: • Introduction to Linux • Operating Systems • Working in Linux • Open Source Software and Licences • Command Line Skills • Getting Help • Navigating the Filesystem • Managing Files and Directories • Archiving and Compression • Working with Text • Basic Scripting • Understanding Computer Hardware • Where Data is Stored • Network Configuration • System and User Security • Creating Users and Groups • Ownership and Permissions • Special Directories and Files	100%		

The cut-off[3] (pass/fail limit) for the assessment is:	62,4%
Assessment format for this assessment (/components of the assessment):	Multiple Choice

1. **Prerequisite knowledge:** No specific knowledge prerequisites. Ability to use a computer.

2. Teaching/work format	*Lecture* *Practice using tutorials*
3. References and other study resources	*E-learning (www.netacad.com)*
4. Use of Moodle and/or other ICT applications	*Powerpoints* *Labs* *Video*
5. Assessment	Based on Multiple-Choice Exam (1912IC114A)