FAKULTI TEKNOLOGI DAN KEJURUTERAAN

PROGRAM	Diploma in IT System Support
COURSE NAME	LINUX SERVER PROFESSIONAL CERTIFICATION LEVEL 1 (LPIC-1) : MODULE LPI 102
COURSE CODE	DTS 5123
CREDIT HOUR	3
SYNOPSIS	
COURSE STRUCTURE	

CHAPTER	TOPICS
1	**Shells and Scripting** **1.1 Customize and use the shell** **1.2 Customize or write simple scripts**
2	**Data Management** SQL data management
3	**User Interfaces and Desktops** 3.1 Introduction to UI dan Desktop 3.2 Install and configure X11 3.3 Setup a display manager 3.4 Accessibility
4	**Administrative Tasks** 4.1 Manage user and group accounts and related system files 4.2 Automate system administration tasks by scheduling jobs 4.3 Localization and internationalization
	Essential System Services 5.1 Maintain system time 5.2 System logging 5.3 Mail Transfer Agent (MTA) basics 5.4 Manage printers and printing

	Networking Fundamentals 6.1 Fundamentals of internet protocols 6.2 Basic network configuration 6.3 Basic network troubleshooting 6.4 Configure client side DNS
	Security 7.1 Perform security administration tasks 7.2 Setup host security 7.3 Securing data with encryption
References:	1. Andrew S Tanenbaum (2016*). Modern Operating Systems*. Pearson 2. William Stallings (2017). *Operating Systems : Internals and Design Principles* , 9th Edition. Pearson