FAKULTI TEKNOLOGI DAN KEJURUTERAAN

PROGRAM	Diploma in Computer Network
COURSE NAME	Unix and Linux
COURSE CODE	DNC 3033
CREDIT HOUR	3
SYNOPSIS	This course covers fundamental Linux such as linux evolution, command line basics, the linux operating system, security and file permission and many more.

COURSE STRUCTURE

CHAPTER	TOPICS
1	**Topic 1: The Linux Community and a Career in Open Source** 1.1 Linux Evolution and Popular Operating Systems 1.2 Major Open Source Applications 1.3 Understanding Open Source Software and Licensing 1.4 ICT Skills and Working in Linux
2	**Topic 2: Finding Your Way on a Linux System** 1.1 Command Line Basics 1.2 Using the Command Line to Get Help 1.3 Using Directories and Listing Files 1.4 Creating, Moving and Deleting Files
3	**Topic 3: The Power of the Command Line** 3.1 Archiving Files on the Command Line 3.2 Searching and Extracting Data from Files 3.3 Turning Commands into a Script
4	**Topic 4: The Linux Operating System** 1.1 Choosing an Operating System 1.2 Understanding Computer Hardware 1.3 Where Data is Stored 1.4 Your Computer on the Network
5	**Topic 5: Security and File Permissions** 5.1 Basic Security and Identifying User Types 5.2 Creating Users and Groups 5.3 Managing File Permissions and Ownership 5.4 Special Directories and Files

References:	1. William Shotts, 2019, The Linux Command Line, 2nd Edition: A Complete Introduction Paperback
	2. Matthew Helmke, 2021, Ubuntu Linux Unleashed 2021 Edition 14th Edition
	3. Brian Ward, 2021, How Linux Works, 3rd Edition: What Every Superuser Should Know