Linux Courses Exam Objectives Overlap
Topics highlighted in blue are covered in Introduction to Linux I
Topics highlighted in green are covered in Introduction to Linux II

Linux Essentials Exam	LPIC1 Exam

Topic 1: The Linux Community and a Career in Open Source	
1.1 Linux Evolution and Popular Operating Systems	*Introduction to Linux I - Chapter 1*
1.2 Major Open Source Applications	102.4 Use Debian package management 102.5 Use RPM and YUM package management
1.3 Open Source Software and Licensing	*Introduction to Linux I - Chapter 1*
1.4 ICT Skills and Working in Linux	

Topic 2: Finding Your Way on a Linux System	
2.1 Command Line Basics	103.1 Work on the command line
2.2 Using the Command Line to Get Help	*Introduction to Linux I - Chapter 2*
2.3 Using Directories and Listing Files	103.3 Perform basic file management
2.4 Creating, Moving and Deleting Files	103.3 Perform basic file management

Topic 3: The Power of the Command Line	
3.1 Archiving Files on the Command Line	103.3 Perform basic file management
3.2 Searching and Extracting Data from Files	103.2 Process test streams using filters 103.3 Perform basic file management 103.4 Use streams, pipes and redirects 103.7 Search text files using regular expressions
3.3 Turning Commands into a Script	105.2 Customize or write simple scripts

Topic 4: The Linux Operating System	
4.1 Choosing an Operating System	*Introduction to Linux I - Chapter 1*
4.2 Understanding Computer Hardware	101.1 Determine and configure hardware settings 102.1 Design hard disk layout
4.3 Where Data is Stored	101.1 Determine and configure hardware settings 102.1 Design hard disk layout 103.5 Create, monitor and kill processes
4.4 Your Computer on the Network	109.1 Fundamentals of internet protocols 109.2 Persistent network configuration 109.3 Basic network troubleshooting 109.4 Configure client side DNS

Topic 5: Security and File Permissions	
5.1 Basic Security and Identifying User Types	107.1 Manage user and group accounts and related system files 110.1 Perform security administration tasks
5.2 Creating Users and Groups	107.1 Manage user and group accounts and related system files
5.3 Managing File Permissions and Ownership	104.5 Manage file permissions and ownership
5.4 Special Directories and Files	104.5 Manage file permissions and ownership 104.6 Create and change hard and symbolic links

Linux Essentials Exam Objectives
Topics highlighted in blue are also testable by the LPIC1 exams.

Objectives: Linux Essentials

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 Open Source Software and Licensing
1.4 ICT Skills and Working in Linux

Topic 2: Finding Your Way on a Linux System
2.1 Command Line Basics
2.2 Using the Command Line to Get Help
2.3 Using Directories and Listing Files
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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

Topic 4: The Linux Operating System
4.1 Choosing an Operating System
4.2 Understanding Computer Hardware
4.3 Where Data is Stored
4.4 Your Computer on the Network

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

LPIC-1 Exam Objectives
Topics highlighted in green are also testable by the Linux Essentials exam.

Objectives: LPIC1 Exam 101

Topic 101: System Architecture
101.1 Determine and configure hardware settings
101.2 Boot the system
101.3 Change runlevels / boot targets and shutdown or reboot system

Topic 102: Linux Installation and Package Management
102.1 Design hard disk layout
102.2 Install a boot manager
102.3 Manage shared libraries
102.4 Use Debian package management
102.5 Use RPM and YUM package management

Topic 103: GNU and Unix Commands
103.1 Work on the command line
103.2 Process text streams using filters
103.3 Perform basic file management
103.4 Use streams, pipes and redirects
103.5 Create, monitor and kill processes
103.6 Modify process execution priorities
103.7 Search text files using regular expressions
103.8 Basic file editing

Topic 104: Devices, Linux Filesystems, Filesystem Hierarchy Standard
104.1 Create partitions and filesystems
104.2 Maintain the integrity of filesystems
104.3 Control mounting and unmounting of filesystems
104.5 Manage file permissions and ownership
104.6 Create and change hard and symbolic links
104.7 Find system files and place files in the correct location

LPIC-1 Exam Objectives
Topics highlighted in green are also testable by the Linux Essentials exam.

Objectives: LPIC1 Exam 102

Topic 105: Shells and Shell Scripting

105.1 Customize and use the shell environment

105.2 Customize or write simple scripts

Topic 106: User Interfaces and Desktops

106.1 Install and configure X11

106.2 Graphical Desktops

106.3 Accessibility

Topic 107: Administrative Tasks

107.1 Manage user and group accounts and related system files

107.2 Automate system administration tasks by scheduling jobs

107.3 Localisation and internationalisation

Topic 108: Essential System Services

108.1 Maintain system time

108.2 System logging

108.3 Mail Transfer Agent (MTA) basics

108.4 Manage printers and printing

Topic 109: Networking Fundamentals

109.1 Fundamentals of internet protocols

109.2 Persistent network configuration

109.3 Basic network troubleshooting

109.4 Configure client side DNS

Topic 110: Security

110.1 Perform security administration tasks

110.2 Setup host security

110.3 Securing data with encryption