



# Introduction to Linux Course Overview

## Introduction to Linux

### Course Duration:

7 Hours / 1 Day

#### 1 Introduction to Linux

- What is Linux?
- How did Linux get started?
- Why does Linux make a good operating system for a business?
- What types of businesses are currently associated with Linux?

#### 2 Introductory Terms

- About the Environments

#### 3 Getting Started

- Logging In
- Creating a user account
- Choosing Account Names
- Logging Out of Root

#### 4 The GNOME Desktop Environment

- Using Your Mouse
- The Desktop
- Folders
- The Panel
- Main Menu Button
- Finding Help
- Multiple Desktops
- Switching Environments
- Quitting from GNOME
- Adding a Log Out Button
- Shutting Down from the Run Program Menu
- Shutting Down at the Shell Prompt

#### 5 The KDE Desktop Environment

- An Overview of KDE

- Using Your Mouse
- Drag and Drop
- The Desktop
- Folders
- The Panel
- The Main Menu K Icon
- The Taskbar
- Finding Help
- Switching Environments
- Quitting from KDE
- Shutting Down at the Shell Prompt

#### 6 Customizing Your Desktop in GNOME and KDE

- Customizing with the GNOME Control Center
- Customizing with the KDE Control Center

#### 7 Printer Configuration

- Adding a Local Printer
- Printing a Test Page
- Creating Printer Aliases
- Modifying Existing Printers

#### 8 Getting Online

- Using RP3 to Connect
- Troubleshooting RP3
- Connecting with Kppp
- The IP Tab
- The Gateway Tab
- The DNS Tab
- The Login Script Tab
- Specifying a Device
- Connecting and Disconnecting with Kppp

#### 9 The Web, Email, and News in GNOME and KDE

- Using Navigator in GNOME and KDE
- Email and News Settings for Messenger
- Reading and Composing Mail

in Messenger

#### 10 Audio, Video, and General Amusement

- Configuring a Sound Card
- Speakers, Headphones, and Sound Etiquette
- Playing CDs
- Configuring a Video Card

#### 11 A Short Introduction to the GIMP

- Additional Resources

#### 12 Shell Prompt Basics

- Why Use a Shell Prompt?
- The History of the Shell
- Bash Environment Variable
- Use Man Pages for Information
- Determining Your Current Directory with pwd
- Changing Directories with cd
- View Directory Contents with ls
- Locating Files and Directories
- Clear and Reset the Window
- View, Redirect, and Append Files with cat
- Pipes
- More Basic Commands for Reading Text Files
- Command History and Tab Completion
- Stringing Commands Together
- Ownership and Permissions
- Changing Permissions With Numbers

#### 13 Managing Files and Directories

- The KDE File Manager
- Creating Files and Directories in KDE
- A Larger Picture of the

Filesystem

- File Compression and Archiving — Gzip, Zip, and Tar
- Viewing PDFs
- Copying, Moving, Renaming, and Deleting Files

#### 14 Updating With Red Hat Network and Red Hat Errata

- Red Hat Network and Red Hat Errata
- What is Red Hat Network?
- Red Hat Network Registration Client
- Red Hat Update Agent
- Red Hat Network Web Interface
- Downloading Updated Packages
- Installing Downloaded Packages
- Updating With Errata
- Downloading and Installing Errata