Introduction to Linux (TTLX2103)

Category: Infrastructure & IT Operations | **Vendor:** Trivera Tech

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This hands-on course provides you with an essentials-level foundation in core skills for using any version of Linux. This course focuses on essential skills that ordinary users might use daily when working with Linux.

About This Course

This hands-on course provides you with an essentials-level foundation in core skills for using any version of Linux. This course focuses on essential skills that ordinary users might use daily when working with Linux.

Who Should Attend

This is an introductory-level course, designed for anyone wanting to learn Linux. Attendees should be comfortable working with computers and the command line, but no other specific skills are required to attend.

Prerequisites & Entry Requirements

General Prerequisites:

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Learning Outcomes

Upon successful completion of this course, participants will be able to:

This skills-focused course is about 50% lab to lecture ratio, combining expert instructor-led discussions with practical hands-on labs that emphasize current techniques, best practices and standards. Working in a hands-on lab environment, guided by our expert practitioner, attendees will explore

The Design of Linux

Basic Operations

File System Basics

Wildcards

File and Directory Permissions

Working with files

Executing Programs

Using find

Filters and other useful commands

The vi editor

Customizing the user environment

Networking/Communications

Backups and archiving

Detailed Course Outline

The Design of Linux

- A brief history of Linux
- The Linux design philosophy
- Linux architecture
-

Basic Operations

- Logging in and out
- The general form of a Linux command
- Common commands
- Using man pages
- Essential commands

File System Basics

- The Linux directory structure
- Standard directories
- Relative and absolute pathnames
- Legal file names
- Navigating the filesystem

Wildcards

- Matching one character
- Matching many characters
- Shortcuts
- Wildcard gotchas
- Wildcards and ls

File and Directory Permissions

- Viewing permissions
- File permissions
- Directory permissions
- Setting defaults
- Changing permissions
- Keeping data secure

Working with files

- Viewing contents
- Identifying file contents
- Copying and moving
- Deleting
- Using symbolic links

Executing Programs

- Redirecting STDOUT
- Redirecting STDERR
- Redirecting STDIN
- Creating pipelines
- Processes attributes
- Listing processes
- Killing processes
- Foreground & background processes

Using find

- Syntax
- Finding by name, type, or size
- Combining tests
- Finding by size, owner, or timestamps
- Using xargs with find
- Other find options

Filters and other useful commands

- What is a filter
- cat: a generic filter
- head and tail
- grep
- sort
- wc
- other interesting filters

The vi editor

- Why vi
- Basic vi operations: navigating, adding, deleting
- Advanced operations: buffer management, search and replace, configuration options

Customizing the user environment

- About shells
- Shell startup files
- Shell variables
- Search path
- Aliases
- Simple shell scripts

Networking/Communications

- Reading and sending mail
- Remote login
- Remote file transfer
- Other network utilities (ping, finger, etc)

Backups and archiving

- Checking space used or available
- Creating tar archives
- Viewing and extracting files from archives
- Compression utilities
- Working with windows

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Additional Course Details

Nexus Humans Introduction to Linux (TTLX2103) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Introduction to Linux (TTLX2103) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Introduction to Linux (TTLX2103)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Introduction to Linux (TTLX2103) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Introduction to Linux (TTLX2103) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Introduction to Linux (TTLX2103)?

Yes, we provide corporate training, dedicated training, and closed classes for Introduction to Linux (TTLX2103). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Linux

Q: Why choose Nexus Human for Introduction to Linux (TTLX2103)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Introduction to Linux (TTLX2103) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

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