

## Day 1

- 1. Background and Introduction
  - Background And Introduction
- 2. Linux Distributions
  - Linux Distros
- 3. Getting Connected
  - Getting Connected Detailed Instructions

## Day 2

- 4. The Linux Directory Structure
  - Linux Directory Structure
- 5. The Shell
  - Welcome To Shell
- 6. Basic Linux Commands
  - Basic Linux Commands
- 7. Teach Yourself to Fish
  - Teach Yourself To Fish
- 8. Working with Directories
  - Working With Directories
- 9. Listing Files and Understanding LS Output
  - Listing Files And Understanding Ls Output

## Day 3

- 10. File and Directory Permissions Explained
  - File And Directory Permissions Explained
  - Permission Modes
  - Umask Modes
- 11. View Files and the Nano Editor
  - Viewing Files And The Nano Editor
- 12. Editing Files in Vi
  - Editing Files With Vi
  - Vi Cheat Sheet
- 13. Editing Files with Emacs
  - Editing Files With Emacs
  - Emacs Cheat Sheet
- 14. Finding Files and Directories
  - Finding Files And Directories
- 15. Graphical Editors
  - Graphical Editors

## Day 4

- 16. Deleting, Copying, Moving, and Renaming Files
  - **Working With Files**
- 17. Input, Output, and Redirection
  - **Input Output And Redirection**
- 18. Comparing Files
  - **Comparing Files**
- 19. Searching in Files and Using Pipes
  - **Searching In Files And Pipes**
- 20. Transferring and Copying Files over the Network
  - **Transferring And Copying Files**
  - **SCP SFTP Clients**
- 21. Customizing the Shell Prompt
  - **Customizing The Shell Prompt**
- 22. Shell Aliases
  - **Working With Aliases**

## Day 5

- 23. Processes and Job Control
  - **Processes And Job Control**
- 24. Scheduling Repeated Jobs with Cron
  - **Scheduling Repeated Jobs With Cron**
- 25. Switching Users and Running Commands as Others
  - **Switching Users And Running Commands As Others**
- 26. Installing Software
  - **Installing Software**