



## Linux Essentials

### Linux Essentials

This Linux training seminar is designed for working IT professionals who need practical administration and configuration skills. Introduction to LINUX systems is designed for system administrators who are new to the LINUX operating system, and for end users who work with LINUX systems in business, scientific, engineering, or home work environments.

In this course, participants accomplish basic tasks such as; creating, organizing and removing files; using text editors; printing; and monitoring their processes. All tasks are completed through a command line interface.

### Course Outline

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- **Basics of Linux**
  - What is Linux?
  - The Open Source Movement
  - The GNU License
  - Installing Linux
  - Initial Configuration
- **Linux Administration**
  - Basic Administration Concepts
  - Understanding the Linux (UNIX) Shells
  - Using Shell Commands
  - Command Line Tools
  - Graphical Tools
- **User and Group Administration**
  - Creating New User Accounts
- **Changing Passwords**
- **Changing Other User Account Attributes**
- **Creating New Group Accounts**
- **Changing Group Membership**
- **File and Directory Management**
  - Linux File Systems
  - Examining Different File Types
  - Understanding the EXT3 File System
  - Linux File and Directory Permissions
- **Networking with Linux**
  - Network Configuration Files

**For more information about CTCLC  
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