

## COURSE OUTLINE

# Red Hat System Administration (RH124)

**Duration:** 5 Days**Prerequisites:**

- Basic technical user skills with computer applications on some operating systems are expected.
- Take our free assessment to gauge whether this offering is the best fit for your skills.

**Course Description:**

Red Hat System Administration I (RH124) is designed for IT professionals without previous Linux system administration experience. The course provides students with Linux administration competence by focusing on core administration tasks. This course also provides a foundation for students who plan to become full-time Linux system administrators by introducing key command-line concepts and enterprise-level tools.

This course is the first of a two-course series that takes a computer professional without Linux system administration knowledge to become a fully capable Linux administrator. These concepts are further developed in the follow-on course, Red Hat System Administration II (RH134).

This course is based on Red Hat® Enterprise Linux 9.0.

**Intended Audience:**

- The primary persona is a technical professional with current or pending responsibilities as a Linux enterprise or cloud system administrator.
- This course is popular in Red Hat Academy, and is targeted at the student who is planning to become a technical professional using Linux.

**Course Outlines:****Get started with Red Hat Enterprise Linux**

- Describe and define open source, Linux, Linux distributions, and Red Hat Enterprise Linux

**Access the command line**

- Log into a Linux system and run simple commands using the shell.

**Manage files from the command line**

- Copy, move, create, delete, and organize files while working from the bash shell.

**Get help in Red Hat Enterprise Linux**

- Resolve problems by using local help systems.

**Create, view, and edit text files**

- Manage text files from command output or in a text editor.

**Manage local users and groups**

- Create, manage, and delete local users and groups, as well as administer local password policies.

**Control access to files**

- Set Linux file system permissions on files and interpret the security effects of different permission settings.

**Monitor and manage Linux processes**

- Evaluate and control processes running on a Red Hat Enterprise Linux system.

**Control services and daemons**

- Control and monitor network services and system daemons with the systemd service.

**Configure and secure SSH**

- Configure secure command line service on remote systems, using OpenSSH.

**Analyze and store logs**

- Locate and accurately interpret logs of system events for troubleshooting purposes.

**Manage networking**

- Configure network interfaces and settings on Red Hat Enterprise Linux servers.

**Install and update software packages**

- Download, install, update, and manage software packages from Red Hat and DNF package repositories.

**Access Linux files systems**

- Access, inspect, and use existing file systems on storage attached to a Linux server.

**Analyze servers and get support**

- Investigate and resolve issues in the web-based management interface, getting support from Red Hat to help solve problems.

**Comprehensive review**

- Review the content covered in this course by completing hands-on exercises.

**REGISTER NOW!**

training@trends.com.ph  
(+632) 8863-2123  
www.trendssacademy.com.ph