



Red Hat Certified Systems Administrator (RHCSA)		
(RH124 & RH134)		
	<u>RH124 – Red Hat System Administration I</u>	
	Unit 1: Get Started with the GNOME Graphical Desktop	
	Objective: Get started with GNOME and edit text files with gedit	
	Unit 2: Manage Files Graphically with Nautilus	
	Objective: Manage files graphically and access remote systems with Nautilus	
	Unit 3: Get Help in a Graphical Environment	
	Objective: Access documentation, both locally and online	
	Unit 4: Configure Local Services	
	Objective: Configure the date and time and configure a printer	
	Unit 5: Manage Physical Storage I	
	Objective: Understand basic disk concepts and manage system disks	
	Unit 6: Manage Logical Volumes	
	Objective: Understand logical volume concepts and manage logical volumes	
	Unit 7: Monitor System Resources	
	Objective: Manage CPU, memory, and disk utilization	
	Unit 8: Manage System Software	
	Objective: Manage system software locally and using Red Hat Network (RHN)	
	Unit 9: Get Started with Bash	
	Objective: Understand basic shell concepts, execute simple commands, and use basic job control techniques	
	Unit 10: Get Help in a Textual Environment	
	Objective: Use man and info pages and find documentation in /usr/share/doc	
	Unit 11: Establish Network Connectivity	
	Objective: Understand basic network concepts; configure, manage, and test network settings	
	Unit 12: Administer Users and Groups	
	Objective: Manage users and groups	
	Unit 13: Manage Files from the Command Line	



	Objective: Understand Linux filesystem hierarchy and pathnames; manage files from the command line	
	Unit 14: Secure Linux File Access	
	Objective: Understand Linux file access mechanisms; manage file access from the GUI and the command line	
	Unit 15: Administer Remote Systems	
	Objective: Share and connect to a desktop; use SSH and rsync	
	Unit 16: Configure General Services	
	Objective: Manage services; configure SSH and remote desktops	
	Unit 17: Manage Physical Storage II	
	Objective: Manage filesystem attributes and swap space	
	Unit 18: Install Linux Graphically	
	Objective: Install Red Hat Enterprise Linux and configure the system with first boot	
	Unit 19: Manage Virtual Machines	
	Objective: Understand basic virtualization concepts; install and manage virtual machines	
	Unit 20: Control the Boot Process	
	Objective: Understand runlevels and manage GRUB	
	Unit 21: Deploy File Sharing Services	
	Objective: Deploy an FTP server and a web server	
	Unit 22: Secure Network Services	
	Objective: Manage a firewall; understand SELinux concepts and manage SELinux	
	Unit 23: Comprehensive Review	
	Objective: Get a hands-on review of the concepts covered in this course	
	<u>RH134 – Red Hat System Administration II</u>	
	Unit 1: Automated Installations of Red Hat Enterprise Linux	
	Objectives: Create and manage kickstart configuration files; perform installations using kickstart	
	Unit 2: Accessing the Command Line	
	Objectives: Access the command line locally and remotely; gain administrative privileges from the command line	
	Unit 3: Intermediate Command Line Tools	
	Objectives: Use hardlinks, archives and compression, and vim	



	Unit 4: Regular Expressions, Pipelines, and I/O Redirection	
	Objectives: Use regular expressions to search patterns in files and out put; redirect and pipe output	
	Unit 5: Network Configuration and Troubleshooting	
	Objectives: Configure network settings; troubleshoot network issues	
	Unit 6: Managing Simple Partitions and Filesystems	
	Objectives: Create and format simple partitions, swap partitions, and encrypted partitions	
	Unit 7: Managing Flexible Storage with the Logical Volume Manager (LVM)	
	Objectives: Implement LVM and LVM snapshots	
	Unit 8: Access Network File Sharing Services; NFS and CIFS	
	Objectives: Implement NFS, CIFS, and auto fs	
	Unit 9: Managing User Accounts	
	Objectives: Manage user accounts including password aging	
	Unit 10: Network User Accounts with LDAP	
	Objectives: Connect to a central LDAP directory service	
	Unit 11: Controlling Access to Files	
	Objectives: Manage group memberships, file permissions, and access control lists (ACL)	
	Unit 12: Managing SELinux	
	Objectives: Activate and deactivate SELinux; set file contexts; manage SELinux booleans; analyze SELinux logs	
	Unit 13: Installing and Managing Software	
	Objectives: Manage software and query information with yum; configure client-side yum repository files	
	Unit 14: Managing Installed Services	
	Objectives: Managing services; verify connectivity to a service	
	Unit 15: Analyzing and Storing Logs	
	Objectives: Managing logs with rsyslog and logrotate	
	Unit 16: Managing Processes	
	Objectives: Identify and terminate processes, change the priority of a process, and use cron and at to schedule processes	
	Unit 17: Tuning and Maintaining the Kernel	



	Objectives: List, load, and remove modules; use kernel arguments	
	Unit 18: System Recovery Techniques	
