Table of Contents

Table of Contents 2
Introduction 4
What this course is about 5
SLES 9 Resources 6
The History of Linux 8
The History of UNIX 9
The Development of Linux 10
SUSE Linux and SLES 11
SLES 9 Features/Components 12
Understanding the Multi-user Environment 15
Performing a SLES Installation 16
Using the Linux Desktop 17
Overview of the Linux Desktop 18
Using the KDE Environment 19
Logging in to KDE 21
Parts of the KDE Environment 22
The KDE Menu 24
KDE Basics 25
Using the Konqueror File Manager 26
Using the GNOME Desktop Environment 27
Accessing the Command Line Interface (CLI) 30
Using the Help System 31
Accessing the Manual (man) Pages 32
Manual Page Organization 33
Using Info Pages 35
Release Notes and Whitepapers 37
Using the GUI Based Help 38
Web Based Help Resources 39
Administering Linux using YaST 40
Getting to Know YaST 41
Managing Users with YaST 42
Installing a Printer using YaST 44
Managing Software with YaST 45
Obtaining Hardware Configuration from YaST 46
Managing Directories and Files In Linux 47
Understanding the File System Hierarchy Standard (FHS) 48
Identifying File Types in Linux 53
Working with Directories 55
Creating and Viewing Files 57
Managing Files and Directories 59
Deleting Files 61
Link Files 62
Finding Files on the File System 63
Searching File Content 66
Archiving Files 69
Compressing, and Uncompressing Files 71
Managing Permissions and Permission Values 73
Setting Permissions and Ownership from the Command Line 74
Working with the Linux Shell and Command Line 76

Copyright ©2001 - 2005 Open Technology Group, Inc.. All rights reserved.
Copying all or part of this manual, or distributing such copies, is strictly prohibited.

Command Shells 77
Shell Initialization 79
Shell Semantics 81
Command and Special Syntax Characters 83
Preventing Special Character Interpretation in the Shell 84
Command Shell History 85
Switching to the root user 86
Shell Variables 87
Shell Aliases & Functions 89
Pipes and Redirection 91
Managing User Accounts 95
Managing Passwords/Accounts 98
Modify and Deleting Users 99
Working with RedHat Package Manager (RPM) 100
Using the Linux mail Command 103
Editing Text in Linux 106
Linux Text Editors 107
VI Command Mode Reference 109
Using Linux GUI Editors 112
Understanding and Viewing Processes 113
GUI Process Utilities 114
Characteristics of Processes 115
Managing Processes 117
Managing Runlevels 119
Managing Jobs in Linux Using cron 121
Managing the Network Configuration 123
Configuring a Network Connection 124
Checking Connections with ping 125
Using traceroute 127
Using netstat to Analyze Network Statistics 130
Managing Interfaces with ifup and ifdown 132
Questions? 133
Getting Answers to Questions 134

Copyright ©2001 - 2005 Open Technology Group, Inc.. All rights reserved.
Copying all or part of this manual, or distributing such copies, is strictly prohibited.