

INTRODUCTION TO UNIX

This course introduces the UNIX operating system, the UNIX file system, the vi editor, printing and some administrative tasks. Although it is a basic introduction to the operating system, it does provide more than just an overview to many of the features.

Audience

Delegates with little or no previous UNIX experience who will be working within a Sun Solaris or HP-UX UNIX environment.

- In addition to the above, write shell scripts (*This can also be run as a **separate** course. See **Korn Shell Programming**.*)

Prerequisites

A general understanding of computer concepts and keyboard skills.

Course Contents

(content can be tailored to match specific requirements)

Duration

3 days, hands-on (5 days if *shell scripts* included).

- Concepts underlying UNIX
- UNIX commands to access the operating system
- Controlling input to and output from commands
- Connecting programs together (IPC)
- The text editor vi
- Create, modify and delete files
- Moving files around
- UNIX filesystem
- Commands to manipulate files and directories
- The **Korn** shell or **C** shell command interpreter
- Command recall and history
- Filename generation
- Printing
- Manage foreground and background processes
- Backup and restore (*optional*)
- The cron command (*optional*)
- Shell scripts (*optional*)

Course Objectives

On completion of this course (unless content is tailored to match specific requirements - see **COURSE CONTENTS** below) the delegate will be able to:

- Understand the history and ethos behind UNIX
- Use the basic features of the UNIX environment
- Understand the structure of the UNIX filesystem
- Use commands to create and manipulate files and directories
- Explain the reason behind connecting one or more programs together to provide functionality
- Use the text editor vi
- Use either the Korn shell or C shell command interpreter but also be aware of other shells
- Use filename generation metalanguage
- Understand the use of grep
- Use command recall and history
- Manipulate processes
- Control foreground and background tasks