

**Class Name:** *UNIX Overview*  
**Level:** Introductory  
**Duration:** 1.0 days  
**Audience:** Users, programmers, or managers with limited or no previous UNIX experience  
**Description:** An in-depth discussion and demonstration of the technical, logistical, and financial benefits of the UNIX system. The participant will be exposed to and observe many of the capabilities of UNIX that have made it the de facto choice for software development and the OS of the 1990's. Course material includes examples of syntax and actual application. This is not a hands-on class.

**Outline:** Module Description

- Introduction: What is UNIX?
- History of UNIX
- Lists of References & Documentation
- Creating Files and Permissions
- Overview of the File System
- Features and Benefits of the vi Editor
- Customizing User Interaction and Security using Profiles
- How Shell Programs Work
- Benefits and Use of the Korn Shell:
  - Customizing Environments & Command Recall
- Use and Application of Variables
- How Jobs are Scheduled and Executed
- Using Pipes to transform Data into Information
- Shell Programming Constructs: Demonstrations and Applications
- Using UNIX to Control Attributes of ANSI 3.64 (asynchronous) Terminals
- Advanced UNIX Capabilities and Demonstrations

Approximate Total Time

8.00 hrs