



U1 - Version: 2.2
15 September 2021

Unix/Linux for Power Users



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 **3 days Course**

Description:

The course is an introduction to the world of the Unix/Linux operating system. The course will acquaint users with the basic concepts of the operating system. This includes a wide range of topics, covering the many facets of working with Unix/Linux, which a user needs to fully utilize the system's power and versatility. The course also introduces the participant to various standard software tools existing in the Unix/Linux environment and provides insights and hints on how to use the tools most efficiently. Hands-on lab time will take the participant step by step through the maze of Unix/Linux commands. The course includes hands-on lab to assist the participant in assimilating the material studied.

Intended audience:

The course is intended for users, programmers, and system administrators who want to start working with Unix/Linux. The course is also geared towards users who have started to work with Unix/Linux without formal training. For these users, the course will add order and method, and enhance what the user already knows.

Prerequisites:

Knowledge of general operating system concepts
Programming experience - not mandatory

Objectives:

Have a comprehensive view of the Unix/Linux operating system
be able to start working immediately and efficiently
Be able to apply basic and advanced commands and to tailor his/her working environment

Topics:

◦ Introducing UNIX - Linux

◦ Login

◦ Appendix: The vi editor

◦ Appendix: The emacs editor

◦ The File System

◦ FS commands & permissions

° ksh

° Appendix: Communication in the UNIX / Linux world

° Filter & Process Text

° Utilities

° Working with ksh