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## Linux Basics

**Duration: 3 Days**    **Course Code: LX010G**

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### Overview:

This course is designed to teach the basics of the Linux environment. Class activities include accessing a system, navigating the directory hierarchy, using the vi editor, using common commands, tools, and scripting concepts.

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### Target Audience:

This course requires no experience with Linux or Power systems. General knowledge of computers is expected, though no intermediate or advanced skills are required.

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### Objectives:

- On Completion of this course, the student should be able to:
  - Log in to an Linux system and set a user password
  - Use Linux online documentation
  - Use the vi editor
  - Manage Linux files and directories
  - Describe the purpose of the shell
  - Execute common Linux commands and manage Linux processes
  - Customize the working environment
  - Use common Linux utilities
  - Write simple shell scripts
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### Prerequisites:

Students attending this course are expected to have a basic understanding of an IT environment.

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## Content:

Unit 1: Getting started with Linux

Exercise 1: Using the system

Unit 2: The vi editor

Exercise 2: The vi editor

Unit 3: Files and directories

Exercise 3: Files and directories

Unit 4: Using files

Exercise 4: Using files

Unit 5: File permissions

Exercise 5: File permissions

Unit 6: Shell basics

Exercise 6: Shell basics

Unit 7: Using shell variables

Exercise 7: Using shell variables

Unit 8: Processes

Exercise 8: Processes

Unit 9: Customizing the user environment

Exercise 9: Customizing the user environment

Unit 10: Linux utilities

Exercise 10: Linux utilities

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## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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