

# Course Outline



Tel: +44 (0) 118 979 4000 Fax: +44 (0) 118 979 4000

Email: [training@ptr.co.uk](mailto:training@ptr.co.uk) Web: [www.ptr.co.uk](http://www.ptr.co.uk)

## CompTIA Linux+

### Course Description:

This course will prepare students for the 2009 CompTIA Linux+ certification exam. It provides a comprehensive guide to common tasks performed by system administrators, including installation, customization, and troubleshooting. Expanded coverage of networking and security are included, which map to the 2009 exam objectives. Comes with CertBlaster exam prep software (download).

This course covers the CompTIA Linux+ (XK1, XK0) certification track.

### Pre-requisites:

To ensure your success, we recommend you first have six months of experience with any operating system and basic computer skills. Ideally they will have passed both CompTIA A+ Certification Exams or have equivalent knowledge.

### Course Content:

- **Installation**
  - Linux introduction
  - Pre-installation tasks
  - Linux installation
- **Using Linux**
  - Graphical user interfaces
  - Command-line Linux
- **File and directory management**
  - Directory organization
  - File management
  - Removable storage

21a Peach Street Wokingham Berkshire RG40 1XJ

**Tel** 0118 979 4000 **Fax** 0118 979 4035 **Email** [training@ptr.co.uk](mailto:training@ptr.co.uk) **www.ptr.co.uk**

Registered Office: Grenville Court Britwell Road Burnham Bucks SL1 8DF Company Registered No: 2442290 – VAT registration No:532 1929 56

# Course Outline



Tel: +44 (0) 118 979 4000

Fax: +44 (0) 118 979 4000

Email: [training@ptr.co.uk](mailto:training@ptr.co.uk)

Web: [www.ptr.co.uk](http://www.ptr.co.uk)

- **System administration**
  - Users and groups
  - File and directory permissions
  - User environment configuration
  - GUI configuration
- **Application management**
  - Packages and package managers
  - Source code software
- **System configuration**
  - Disk management
  - File system management
  - Device management
- **Process and module management**
  - Process management
  - Process priority and execution
  - Kernel modules
- **System maintenance**
  - Backup and restore
  - Scheduling tasks
  - Performance monitoring
  - Logging
- **Networking**
  - Networking basics
  - Network services
  - Domain name services
- **File sharing and printing**
  - Network file resources
  - Printing
- **Interoperability**
  - Network interoperability
  - Remote desktop access
- **Security**
  - System security
  - Network security
- **Web environment**
  - Web services

21a Peach Street Wokingham Berkshire RG40 1XJ

**Tel** 0118 979 4000 **Fax** 0118 979 4035 **Email** [training@ptr.co.uk](mailto:training@ptr.co.uk) **www.ptr.co.uk**

Registered Office: Grenville Court Britwell Road Burnham Bucks SL1 8DF Company Registered No: 2442290 – VAT registration No:532 1929 56

# Course Outline



Tel: +44 (0) 118 979 4000

Fax: +44 (0) 118 979 4000

Email: [training@ptr.co.uk](mailto:training@ptr.co.uk)

Web: [www.ptr.co.uk](http://www.ptr.co.uk)

- **Web environment**
- **FTP and e-mail services**
- **Troubleshooting and maintenance**
- **Appendix A: Certification exam objectives map**
- **Appendix B: CompTIA Linux + acronyms**
- MySQL services
- FTP services
- Mail services
- Booting Linux
- Network troubleshooting
- Scripting basics
- Topic A: Comprehensive exam objectives
- Topic A: Acronym list

**Course Duration:**

**5 Days**

21a Peach Street Wokingham Berkshire RG40 1XJ

**Tel** 0118 979 4000 **Fax** 0118 979 4035 **Email** [training@ptr.co.uk](mailto:training@ptr.co.uk) **www.ptr.co.uk**

Registered Office: Grenville Court Britwell Road Burnham Bucks SL1 8DF Company Registered No: 2442290 – VAT registration No:532 1929 56