



Linux Foundation Certified IT Associate (LFCA)

Course Duration: 2 Days

Exam Reference: LFCA

Course Overview

The LFCA is a pre-professional certification intended for those new to the industry or considering starting an IT career as an administrator or engineer. This certification is ideal for users interested in advancing to the professional level through a demonstrated understanding of critical concepts for modern IT systems including cloud computing.

Prerequisites

There are no formal prerequisites for this certification.

Course Objectives

- Operate Operating Systems (OS): Understand foundational concepts of operating systems, including basic navigation and file management.
- Manage Software and Hardware: Install, configure, and manage software applications and understand basic hardware components and installation processes.
- Execute Command Line and Code: Utilize the command line interface (CLI) for system interaction and apply basic programming/scripting concepts to streamline simple tasks.
- Implement Basic Networking: Describe and configure fundamental networking functions, concepts, and troubleshooting methods.
- Apply Security Fundamentals: Implement basic security best practices, including user permissions and authentication, to maintain system integrity.
- Validate IT Preparedness: Demonstrate the essential capability and knowledge required for an entry-level IT position (e.g., Help Desk, IT Support).



Contact Us



800.674.3550



2151 W. Hillsboro Blvd., Ste 210
Deerfield Beach, FL 33442

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Course Outline

Module 1: Linux Fundamentals

- Linux Operating System
- Command Line

Module 2: System Administration Fundamentals

- System Administration
- Best Practices
- Networking
- Troubleshooting
- Disaster Recovery

Module 3: Cloud Computing Fundamentals

- Cloud Computing
- Performance/Availability
- Budgeting
- Best Practices
- Networking

Module 4: Security Fundamentals

- Security
- Sensitive Data
- Compliance

Module 5: DevOps Fundamentals

- DevOps Basics
- Git Concepts
- Containers



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Module 6: IT Project Management Fundamentals

- Project Management
- Software Application Architecture
- Functional Analysis
- Open Source Software and Licensing