APPLIED TECHNOLOGY ACADEMY

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# Linux Foundation Certified IT Associate Training

**The Linux Foundation Authorized Training · Applied Technology Academy**

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.

| LEVEL | DURATION | EXPERIENCE | AVERAGE SALARY | LABS |
|---|---|---|---|---|
| **Beginner** | **2 Days** | **Basic Linux** | **$100,000** | **Yes** |

## Course Overview

- Install and configure Linux systems
- Manage users, groups, and system permissions
- Configure devices, file systems, and storage
- Maintain system services, networking, and security
- Manage software packages across major distributions
- Monitor system performance and logs
- Use shell scripting to automate administrative tasks
- Troubleshoot common Linux system issues
- Prepare effectively for the LFCS exam

## 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
- **Module 6: IT Project Management Fundamentals**
  - Project Management
  - Software Application Architecture
  - Functional Analysis
  - Open Source Software and Licensing

## Intended Audience

- IT Support
- Junior Systems Admin
- Cloud Support Specialist

## Prerequisites

Basic Linux

## Follow-On Courses

LFCS

**Ready to enroll?** Call 800.674.3550 or email Info@AppliedTechAc.com — private team cohorts, GSA MAS purchasing, military credentialing funding, VA GI Bill and VR&E and student financing available.