



Linux Administration

To Enroll in our
IT Programs

www.phoenixcollege.edu/iti

Lean on Linux for success!

Looking to be involved with everything Linux-from administration to security and networking? The Linux Administration Program is designed to prepare you for a variety of industry-recognized certification exams, and provide hands-on skills for the workplace. The program includes a core of: Linux operating system basics, Linux System Administration, Linux Network Administration, and Security. These classes will help develop your knowledge and skill level for employment, or improve your current professional skills.

This program prepares students for the following certification(s):

- CompTIA Linux+
- Linux Essentials
- Linux Professional Institute Certification (LPIC-1)

To Customize
IT Training
Solutions for
Employees

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Phoenix College
IT INSTITUTE

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Linux Administration

Certificates

CCL-5046N: Linux Associate (6-9 Credits)

- CIS105 Survey of Computer Information Systems or Permission of Program Director
- CIS126DL: Linux Operating System
- CIS238DL: Linux System Administration

CCL-5052N: Linux System Administration (12-15 Credits)

- The courses in CCL-5046N
- CIS239DL Linux Shell Scripting
- CIS240DL Linux Network Administration (Available Spring 2021)
- CIS275DL Linux Capstone (Available Fall 2021)

CCL-5049N: Red Hat Linux Administrator (6-9 Credits)

- CIS105 Survey of Computer Information Systems or Permission of Program Director
- CIS126RH: Red Hat System Administration I (Available Spring 2021)
- CIS238RH Red Hat System Administration II (Available Fall 2021)

CCL-5050N: Red Hat Linux Engineer (9-12 Credit)

- The courses in CCL-5049N
- CIS240RH Red Hat System Administration III (Available Spring 2022)

Degree

Information Technology: AAS-3196

Required (Complete one of the following certificate programs):

- CCL-5154: Cybersecurity Fundamentals
- CCL-5043: Desktop Support
- CCL-5793: Foundations of Mobile App Development
- CCL-5132: Microsoft Office Professional
- CCL-5031: Microsoft System Administration
- CCL-5048: Programming and Systems Analysis Level I
- CCL-5050N: Red Hat Linux Engineer
- CCL-5984: Web Foundations
- Related Area Credits to Complete the 60 Credit Hour Minimum: BPC+++++, CIS+++++, CLD+++++, CNT+++++, ITS+++++, or MST+++++

OR Complete an IT Certificate Program NOT listed above AND the following core classes:

- CIS105 Survey of Computer Information Systems
- CIS133DA Internet/Web Development Level I
- CIS117DM: Microsoft Access: Database Management
OR CIS276DA: MySQL Database
- BPC270: A+ Exam Prep: OS Configuration and Support
OR CIS126DL: Linux Operating System
OR CIS126RH: Red Hat System Administration I
OR MST150++: Microsoft Windows
- CIS150AB: Obj.-Oriented Programming Fundamentals
OR CIS156: Python Programming: Level I
OR CIS162++: Any C Programming: Level I course
OR CIS163AA: Java Programming: Level I
- CIS190: Introduction to Networks
- CIS224: Project management
OR CIS250: Management of Information Systems

General Education:

- ENG101 or ENG107 ENG102 or ENG108
- COM100, 110, 225, or 230 CRE101 (0-3 credits)
- MAT140 or Higher (3-5 credits) Any HU Class
- Any SB Class Any SG or SQ Science (4 credits)

Where should I start if I am new to IT?

- CIS105 Survey of Computer Info. Systems
- CIS133DA: Web Development-Level I

Notes:

1. These programs are effective Fall 2020.
2. All Classes are 3 credits unless otherwise noted.