

LINUX SYSTEM ADMINISTRATION, CERTIFICATE OF COMPLETION



**COMPUTER AND
INFORMATION
TECHNOLOGY**

Certificate of Completion: CCL 5052N

15-18 Credits

Program Contact

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Program Description

The Certificate of Completion (CCL) in Linux System Administration program is designed to help prepare students for a variety of industry-recognized Linux certification exams as well as provide practical hands-on skills for the workplace. The program includes a core of Linux classes including Linux operating system basics, system administration, network administration and network security. The courses in the program will help develop a student's knowledge and skill level in preparation for employment or to improve current professional skills. Students who complete this program may seek employment in a variety of environments. The program helps prepare students for the Red Hat Certified System Administrator (RHCSA), Red Hat Certified Engineer (RHCE), and CompTIA Linux+ certification exams. An Associate in Applied Science (AAS) in Network and Systems Administration is also available.

Program Notes

This program is not eligible for Title IV Federal Financial Aid.

Students must earn a grade of "C" or better for all courses required within the program. Overall program minimum GPA = 2.00.

Students who pursue this Certificate of Completion (CCL) should have a basic level of computer literacy including navigating the internet and computer systems or take CIS105 Survey of Computer Information Systems as indicated in the required courses. Students with the requisite skills may have the CIS105 Survey of Computer Information Systems requirement waived by permission of the Program Director.

Courses within any of the following prefixes must be taken within five (5) years prior to completion of the program to be applied toward this award: AIM, BPC, CIS, CLD, CNT, CSC, ITS, and MST.

++ indicates any suffixed course may be selected.

Program Requirements

Program Prerequisites: None

Code	Title	Credits	Semester
Required Courses			
Select one of the following:		0-3	

CIS105	Survey of Computer Information Systems		
Permission of program director			
Tracks			
Select from one of the following two tracks:		15	
<i>Linux Track</i>			
CIS126DL	Linux Operating System		
CIS238DL	Linux System Administration		
CIS239DL	Linux Shell Scripting		
CIS240DL	Linux Network Administration		
CIS275DL	Linux Capstone		
<i>Red Hat Enterprise Linux Track</i>			
CIS126RH	Red Hat System Administration I		
CIS238RH	Red Hat System Administration II		
CIS239DL	Linux Shell Scripting		
CIS240RH	Red Hat System Administration III		
CIS275DL	Linux Capstone		
Total Credits		15-18	