Network & Server Administration Certificate – 533K
Requirements Effective Fall 2023
Program Planning Guide

Program Description: The Network & Server Administration Certificate is designed for college graduates who want to specialize in Linux, Microsoft and Cisco OS configuration, management, and security. The curriculum includes information security concepts and best-practices, and industry certification (CompTIA, Microsoft, Cisco, etc.) preparation.

Prerequisites: Many classes have prerequisites. Prerequisites are those classes that prove eligibility for entry-level classes by testing or by having satisfied prior course work. Course work earned at other institutions must be unofficially evaluated or approved by a program advisor before registering. Courses in this certificate with pre-requisites are marked with an asterisk (*). See catalog for more information.

Network & Server Administration Certificate Prerequisites: EET 131, CompTIA A+ Certification or equivalent experience.

Note: Advanced placement testing, work experience, and transfer of credits may result in course waivers, credit transfer, and advanced placement.

Program Requirements		
Course Number	**Certificate Requirements (40 credits)**	**Credit Hours**
	Required Courses (25 credits)	
IT 100	IT Fundamentals	5
IT 111	Programming Fundamentals	5
IT 120	Network Essentials CompTIA Network+	5
IT 135	Introduction to UNIX	5
IT 150	IT Security+	5
	Elective Courses (Pick Three: total of 15 credits)	
BUS 118	Project Management Introduction and Overview	5
EET 108	Introduction to Fiber Optics	5
EET 132	IT Essentials A+ Certfication Advanced	5
IT 122*	Network Operating Systems 1 (see Note 1)	5
IT 138	Linux for Network Administration	5
IT 157	Ethical Hacking	5
	Total Credits: (excluding pre-requisites	**40**

Notes:

1. Must have EET 131, IT 120, or instructor permission.

Course Sequence: This program of study is outlined by quarter, and courses should be taken in the indicated sequence. However, it should not be concluded that students will always proceed through their program of study exactly as prescribed here. The number of quarters listed here is minimal. Not all courses are offered every quarter. Individual student experiences, educational and training background, and personal schedules and demands all may affect the time it takes to finish this program. Also, in general, summer quarter is not considered one of the full-time quarters in the program.

1st quarter: IT 100, IT 135, elective   **2nd quarter**: IT 111, IT 120, elective

 3rd quarter: IT 150, elective

REV Date:

Network & Server Administration Certificate – 527K Program

Outcomes:

- Install & configure software and upgrades
- Install, configure & test network devices, servers and workstations
- Troubleshoot hardware & network problems **What Skills do I need to be successful in this field?**

- http://www.onetonline.org/link/summary/15-1152.00 (Computer Network Support Specialists)
- http://www.onetonline.org/link/summary/15-1142.00 (Network and Computer Systems Administrators)

What are some potential job titles?

- Network Manager
- Information Technology (IT) Specialist
- Systems Administrator

Wages, employment trends and pathways

http://www.onetonline.org/link/summary/15-1142.00#WagesEmployment

NSC Advising Office: (206) 934-3658   https://northseattle.edu/advising

Program Website: https://northseattle.edu/certificates/network-server-administration-certificate

Program Contact: Robert Bunge   (206) 934-4530   Robert.bunge@seattlecolleges.edu

CIP: 11.0901 (Computer Systems Networking and Telecommunications)

REV Date:

For more information about our graduation rates, the median debt of students who have completed these program, and other important information, please visit our