

LINUX/UNIX Administration Certificate – 533D
Requirements Effective Fall 2010
Program Planning Guide

Program Description: The Linux/UNIX Network Administration Certificate is intended for students not already enrolled in a network administration program.

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.

LINUX/UNIX Administration Certificate Prerequisites: EET131 and EET132, or comparable skills

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 (15 credits)	Credit Hours
IT 135	Introduction to UNIX	5
IT 138*	UNIX for Network Administration	5
IT 140*	UNIX Shell Scripts with Perl	5
		Total Credits: 15 (excluding pre-requisites)

Program Outcomes:

- Demonstrate understanding of concepts, commands, and logic to manage Linux/Unix servers or workstations.
- Demonstrate the ability to navigate the Linux/Unix Program environment and to execute the appropriate commands to accomplish given tasks.

What Skills do I need to be successful in this field?

- <http://www.onetonline.org/link/summary/15-1142.00>

What are some potential job titles?

- UNIX/LINUX Systems Administrator
- IT Specialist

Wages, employment trends and pathways

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

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 135

2nd quarter: IT 138

3rd quarter: IT 140

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

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

Program Website: <https://northseattle.edu/certificates/linuxunix-network-administration-certificate>