Suggested Schedule to Linux Network & Security Certificate

This pathway meets requirements for the Linux Networking & Security certificate. This sample schedule assumes a fall start. If you wish to take alternate courses not listed below please meet with a North advisor to confirm you're still meeting certificate requirements.

Before You Start
- ☐ Pre-College Math or ABE Adult Basic Education (if needed).
- ☐ Pre-College English, ABE Adult Basic Education or ESL English as a Second Language (if needed).

To Do
- ☐ Explore placement options: take the math and English placement tests if needed.
- ☐ Transfer previous college credits to North.
- ☐ Attend New Student Orientation.
- ☐ Apply for financial aid and follow up on application with the financial aid office.
- ☐ Visit startnextquarter.org to find out if Workforce Education funding is available for you.
- ☐ Explore Prior Learning Assessment (PLA) options if you have significant professional industry training.

Year One   *Credits*

Quarter 1
- ☐ IT 135 Introduction to Linux 5

Quarter 2
- ☐ IT 138 Linux for Network Administration 5
- ☐ IT 150 IT Systems Security + ...5

Quarter 3
- ☐ IT 157 Ethical Hacking 5
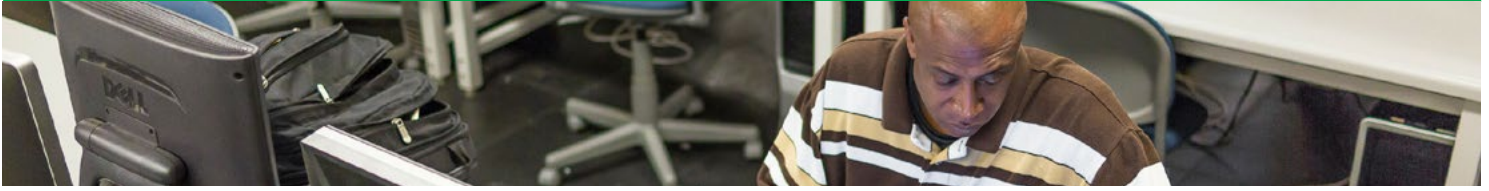
Total Credits Required: 20

Quarter 1
- ☐ Schedule an appointment with your assigned advisor in Starfish to meet and discuss your goals.
- ☐ Attend an "Exploring Careers and Majors Workshop" or meet with a counselor.
- ☐ Create a LinkedIn profile and clean up your online presence.
- ☐ Attend a resume workshop and create a resume at OCE&E.

Quarter 2
- ☐ Visit Career Services office in the OCE&E building to learn about career/job exploration resources.
- ☐ Conduct informational interviews and do job shadowing with various potential employers.
- ☐ Update your resume for job search and attend an interview prep workshop.

Quarter 3
- ☐ Research future education options such as the Associate of Applied Science (AAS) in IT Network and Security Administration at NSC.
- ☐ Attend career fairs on campus and other employer-career events.
- ☐ Apply for graduation for Linux Networking & Security Certificate with your assigned advisor
- ☐ Ensure all Academic Exception paperwork is submitted (such as course substitutions, transfer credit, and PLA) as needed.
- ☐ Order cap and gown for commencement and join alumni association.
- ☐ Attend on-campus graduation fair and commencement ceremony.
- ☐ Update your LinkedIn profile and add your classmates to your network.
- ☐ Consider taking a certification exam in Linux or security.

About the Map

This pathway meets requirements for the Linux Networking & Security certificate. Completion of this certificate opens doors to a network administration and security career in sectors including non-profit, business, government, entertainment, and education. Be part of the new team of professionals that will secure the nations infrastructure into the next decade.

Students will learn how Linux-based tools apply to network administration and security testing. Students will also develop skills in the installation and configuration of networking infrastructure so they are able to develop an understanding of how the complete environment functions enabling them to apply security measures and counter measures to harden organizational network resources.

Career Opportunities

Opportunities include:

- Network Manager
- IT Administrator
- IT Specialist
- Information Security Analyst
- Helpdesk Talent
- Service Desk Technician
- Systems Administrator
- Computer System Support Analyst
- Computer and Information Systems Specialist
- Cybersecurity Analyst

For current employment and wage estimates, please visit and search at www.bls.gov/oes.

Apply for Financial Aid and Other Funding

All students in need should apply for financial aid – do not assume you are not eligible! Visit https://northseattle.edu/financial-aid to learn more about the application steps and types of financial aid available, including grants and scholarships you don't have to pay back. You do not need to be a full-time student to receive financial aid funds.

Some students may be eligible for Workforce Education tuition assistance programs depending on program of study, family income and family size, DSHS assistance, unemployment/employment status of self or spouse, or veteran status. Take this short survey to find out if you pre-qualify for funding at: www.StartNextQuarter.org.

Which quarter can I begin?

Any.

Length of Program

20 credits = 4 quarters if you take 5 credits each term.

Class Times/Delivery Format?

North offers courses on-campus in the evenings, online, or hybrid (part on-campus, part online), Monday-Thursday. See the class schedule for current offerings.

Find Out More

Visit https://northseattle.edu/programs/information-technology/linux-network-and-security-certificate to learn more about this pathway, or contact the Science, Technology, Engineering & Math Area of Study advisor at northseattle.edu/advising/contact or 206-934-3658.

Future Education Opportunities

Once you complete the certificate, additional education opportunities include:

- An Associate of Applied Science-Transfer degree in Network and Server Administration, IT Controlled Electronics or a related field at North Seattle College.
- An Associate degree in Network and Server Administration or a related field at another Washington State community or technical college.

Program and admissions requirements vary from college-to-college. Contact an advisor to create an educational plan tailored to transfer to the institution of your choice.