

LINUX/UNIX SYSTEM ADMINISTRATION (GRADUATE CERTIFICATE)

Accelerate your career prospects in professional system administration as a participant in one of the world's top open source communities. This intensive eight-month, two-semester program involves the comprehensive study of advanced Linux technologies while working on projects within the Fedora community and collaborating directly with Fedora contributors from around the world. **Become the source for change.**

SENECA CHANGES YOU.

OUR PROGRAM

Code: LUX

Campus: Seneca @ York

Credential Awarded: Ontario College Graduate Certificate

Duration: 1 year (2 semesters + co-op option)

Start Date: Fall

cs.senecac.on.ca/lux



LINUX/UNIX SYSTEM ADMINISTRATION (LUX) GRADUATE CERTIFICATE PROGRAM

The Open Source paradigm is reshaping the computer industry: software created in the open by global communities is providing a strong competitive advantage for the companies and individuals that make up those communities. Linux systems combine thousands of open source software packages into a powerful operating environment.

WHAT YOU'LL LEARN

Seneca's Linux/Unix System Administration (LUX) program provides the specialized training required to work as a professional system administrator — and to actively participate in the open source communities that create, test, localize, and support open source systems.

Although this is a full-time program, course lectures are scheduled on just two mornings per week, with labs scheduled on the corresponding afternoons.

This enables students to attend two full days per week while working on projects on their own schedule, or to attend two mornings a week while completing labs and projects on their own schedule - ideal for taking the program while working.

| Semester 1 | Subject Name | Hrs/Wk |
|------------|---|--------|
| LPT 730 | Linux Power Tools: Installing and Using | 4 |
| NAD 710 | Introduction to Linux Networking | 4 |
| SPR 720 | Shell Programming- Scripting with BASH | 4 |
| SYA 710 | System Administration- Installing Linux | 4 |
| XWN 740 | X Windows- Configuring and Using | 4 |
| Semester 2 | Subject Name | Hrs/Wk |
| NAD 810 | Network Administration Using Linux | 4 |
| SCR 822 | Advanced Linux Scripting | 4 |
| SEC 830 | Security Issues on Linux | 4 |
| SRA 840 | Server Administration on Linux | 4 |
| SYA 810 | System Administration- Configuring | 4 |

WHAT YOU'LL NEED

This program is specifically designed for applicants with a Computer Science/Information Technology degree or diploma or equivalent work experience. Applicants will be tested for basic programming knowledge and proficiency in English.

CO-OP

An optional four-month co-op work term provides valuable on-the-job experience to qualified students. The co-op term follows the second semester, and students receive additional training for the job application and interview process.

**We invest heavily in our LUX students,
and therefore seating is strictly limited.**

APPLY NOW

www.yourfuture.senecacollege.ca

or visit the Ontario College Application Service website at ontariocolleges.ca

CONTACT US

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<http://cs.senecac.on.ca/lux>