

UN102

LINUX - UNIX

Linux Shell Programming

 Laboratory course**DURATION**
3 DAYS**REGULAR FEE**
1 435 \$**PREFERENTIAL FEE**
1 290 \$

Objectives

To provide the knowledge and skills required to master the main Linux utilities and shell control structures in order to easily write robust and effective Bourne, Bash and Korn shell scripts.

Targeted audience

Network specialists (other than DBAs).

Prerequisite

Practical experience with basic [UNIX commands](#) (Course UN101).

Content

- Introduction to shells: main functions, different Linux shells and shell variables
- Special characters and metacharacters
- Redirection of I/O and pipelines
- Filters and regular expressions (head, tail, cut, paste, sort, grep, xargs, etc.)
- Shell programming concepts
- Variables, quoting, substitution and arithmetic operations
- User interaction and parameter passing
- Loops and conditional testing (test, if, case, for, while, until, break and continue)
- Advanced filtering with sed
- The power of awk programming
- Practical exercises and completion of a project

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<http://www.technologia.com/en/information-technology/linux-unix/unix-shell-programming/>

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Select the training date*

Montreal	October 8 to October 10 2019
Quebec City	November 6 to November 8 2019
Quebec City	February 19 to February 21 2020
Montreal	April 20 to April 22 2020