LIX CPE Linux

LIX 0004 Linux Essentials (0.5-1)   **1 cr.**
Focuses on configuring a Linux virtual machine, managing hardware, file operations, process management, basic security and networking. Helps prepare students to earn a Linux Professional Institute (LPI) Linux Essentials Certification. Includes lectures, practice questions, labs and discussions needed to successfully pass LPI's official exam.
Recommended: General computer or programming experience may be helpful.

LIX 8101 Introduction to Python Programming (0.5-1)   **1 cr.**
Teaches Python, the number one programming language in the industry. Develops a well-rounded and practical understanding of the language. Students will write Python scripts and problem solve.
Recommended: Some programming experience is recommended, but not required.

LIX 8103 Intermediate Python Programming (0.5-1)   **1 cr.**
Explores complex areas of Python programming. Discovers how to use this knowledge to work with data structures. Develops custom scripts, GUI applications, and portable exe programs.
Prerequisite: Experience with Python or object-oriented programming.