

Course Title	OPERATING SYSTEMS II
Course Code	CSN 121
Course Purpose and Objectives	The course CSN 121 – Operating Systems II is aligned with the course NDG Linux Essentials of CISCO Networking Academy. In this course, the remaining 9 chapters of the course NDG Linux Essentials are covered (Chapter 7-16). To attend this particular subject is a prerequisite to have already, successfully passed the CSN 115 course which covered the first 6 chapters of the course NDG Linux Essentials. The content of this course developed by experts, a Linux virtual machine and step-by-step labs give to students a hands-on access to practice Linux command line concepts. By the end of the course, students will be ready to participate in the external exams of CISCO Networking Academy which will take place within 10 days after the completion of their final examination.
Learning Outcomes	<ol style="list-style-type: none"> 1. Examine and extract data from Linux files. 2. Use basic scripting. 3. Use components of desktop and server computers. 4. Recognize where data is stored on a Linux system. 5. Query vital network settings for a Linux computer on a Local Area Network 6. Recognize various types of users on a Linux system 7. Producing users and groups on a Linux system 8. Controlling Linux file permissions and ownership 9. Controlling Special Linux directories and files
Course Content	<ul style="list-style-type: none"> • Archiving and Compression • Pipes, Redirection, and REGEX • Basic Scripting • Understanding Computer Hardware • Managing Packages and Processes • Network Configuration • System and User Security • Managing Users and Groups • Ownership and Permissions • Special Permissions, Links and File Locations