

# CSCN101N : Computer Architecture and Operating Systems

Computer architecture refers to the basic components that make up a computer system. This includes the operation and interrelation of its internal components and peripheral devices, its memory organization, the Basic I/O System (BIOS), and storage. Students will become sufficiently familiar with computer hardware to be able to build or fix computers. Windows, Linux, MacOS operating systems will be introduced with emphasis on Windows OS. Students will be introduced to very basic administration both in native and virtualized systems. Command line and scripting leading to the first programming concepts will be presented. The content of this course is intended to reflect the objectives of the industry recognized A+ Certification, which identifies skills required by IT technicians.

**Class Hours** 2

**Lab Hours** 3 **Credits** 3