

Systèmes d'exploitation centralisés



Component

École Nationale
Supérieure
d'Électrotechnique
d'Électronique
d'Informatique
d'Hydraulique
et des
Télécommunications

In brief

> **Code:** N6EN06A

Presentation

Objectives

- Understanding of the architecture and operation of centralized operating systems.
- Basic practice of system programming under Unix

Description

- presentation of the basic principles and mechanisms used in system design
- practical application of system programming on Linux: processes, files, signals, virtual memory...
- use of basic tools: C language, shell, make

Pre-requisites

- Good knowledge of algorithms and program development.
- Basic knowledge of computer architecture (processor, bus, main and secondary memory, controllers, interrupts, bypasses, execution modes, etc).