

# ARCHITECTURE DES SYSTEMES D'EXPLOITATION

 ECTS  
5 credits

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

In brief

> **Ametys Code:** N8EN21

## Presentation

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### Objectives

The goal of this UE is to understand the principles for designing operating systems, such as kernel, hardware accesses, hardware protection, drivers, ...

Example of the Linux system is used.

An operating system will be design for a processor implemented onboard a FPGA.

The project aims to define an hardware driver which will control an Ethernet card.