

Development of critical computer systems



Component

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

In brief

- **Ametys Code:** ELP9
- **Open to exchange students:** Yes

Presentation

Objectives

- Understand the constraints (or non-functional specifications) as well as the hardware and software design elements of embedded systems.
- Know and apply UML modeling and the principles of object-oriented development.

Description

This course is dedicated to the design and development process for embedded systems.

Pre-requisites

- N7EE01A Object-Oriented Design and Programming
- N7EE01B Principles of Operating Systems

- N7EE01C Computer Architecture