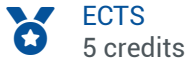# SYSTEMES CONCURRENTS ET COMMUNICANTS

**ECTS**
5 credits

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

## In brief

> **Code:** N7EN09

# Presentation

## Description

Presentation of basic concepts, principles and mechanisms in concurrent programming and middleware. More precisely:
* modelling and design of parallel systems
* reasoning and evaluation on concurrent programs
* essential design and synchronization patterns
* practice of coarse-grained concurrent programming
* understanding and knowledge of distributed interaction models
* design and programming of applications according to the distributed object model

## List of courses

|  | Nature | CM | TD | TP | Crédits |
|---|---|---|---|---|---|
| Systèmes Concurrents | UE | | | | |
| Intergiciels | UE | | | | |
| Projet Données Réparties | UE | | | | |