

# PARADIGMES EMERGENTS DE PROGRAMMATION



ECTS  
5 credits



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

In brief

> **Ametys Code:** N8EN09

## Presentation

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### Objectives

Students know, understand and apply advanced concepts of programming languages (aspects, annotations, mixins, traits, framework, meta-programming, reflection...).

Theory of computability and computational complexity.