SEMANTIQUE ET TRADUCTION DES LANGAGES

ECTS
5 credits

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

In brief

> **Code:** N8EN10

Presentation

Objectives

Know, understand, and know how to use the techniques:

- of formalizing the semantics of programming languages and proving correctness of type checking tools and code generators ;

- construction of interpreters for programs (environment management, type checking, execution) ;

- translation for programs (abstract tree, symbol table, type checking, code generation, optimization, virtual machine).