SCIENTIFIC COMPUTING 2

ECTS
5 credits

Component
École Nationale Supérieure d'Électrotechnique d'Électronique

In brief

> **Code:** N7EM04

Presentation

Objectives

Perform numerical simulations for fluid mechanics problems via:

- the use of Computational Fluid Dynamics codes

- developing numerical softwares solving 2 dimensional Partial Differential Equations.

Pre-requisites

- Notions in the numerical analysis of partial differential equations.

- Notions programming (python, C, fortran, etc)

- Notions regarding the finite volume method

List of courses

	Nature	CM	TD	TP	Crédits
Expériences Numériques de MKF-FLUENT & Star-CD	Matière				
Méthodes Numériques pour les EDP	Matière				
Processus Stochastiques	Matière				

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Non-contractual information.
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