

# Simulation des écoulements industriels (CODC)



Component  
École Nationale  
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In brief

> **Code:** N9EM17C

## Presentation

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### Objectives

Deepen knowledge of a computational code by putting yourself in complex situations both in terms of mesh and turbulence model. The modeling of three-dimensional situations is highlighted.

Analyzing a flow situation  
Determine conditions at limits by interpreting numerical results  
offer adapted transport models  
compare its results to theoretical predictions

### Pre-requisites

CFD Tools basic and advanced

fluid mechanics knowledge

Thermal transport

Porous media