

# Electromagnetism



Component

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



Semester  
Automne

In brief

> **Code:** N5EE05A

## Presentation

### Objectives

- At the end of this course, the students will have assimilated the equations of standard electrodynamics and will be able to describe their physical meaning.
- They will be able to propose a method and to formulate hypotheses useful for solving common static or propagative electromagnetic problems.
- At the end of the practical courses, students will be able to formulate the conditions required to solve an electromagnetism problem by numerical methods (ie finite elements method).

Translated with [www.DeepL.com/Translator](https://www.DeepL.com/Translator)