

Electromagnetism



ECTS
4 crédits



Hourly volume
38h

Introducing

Objectives

Objectives:

At the end of this module, the student will have understood and be able to explain:

the basic theoretical concepts of electromagnetism and of the propagation of electromagnetic plane waves in vacuum.

The student will be able to:

calculate electromagnetic fields from high symmetry charge and current distributions.

Necessary prerequisites

Necessary knowledge:

Electrostatics 1A

Electrokinetics 1A

Practical info

Location(s)

 Toulouse