

Materials



Component

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

In brief

- > **Ametys Code:** N8EE20A
- > **Open to exchange students:** Yes

Presentation

Objectives

Be able to choose the right material during the design phase of an electromechanical system (mechanical materials, magnetic materials, and dielectric materials).

Acquire sufficient knowledge of materials (development, properties, treatments, etc.) to be able to communicate effectively with suppliers.

Description

The following topics will be covered in this course:

Characteristics and properties of materials

Manufacturing of materials

General use of the main families of materials

Pre-requisites

No prerequisites are necessary for this course.