

# Traitement Image



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

In brief

> **Code:** N8EN11A

## Presentation

---

### Objectives

- 1) Introduction to main image processing: image enhancement and restoration, edge detection and segmentation in order to give the student an overview of the existing classical techniques.
- 2) Guided discovery of segmentation approaches with practical work: from the most classical approaches, such as mean shift, to the most recent approaches based on superpixels.

## Useful info

---

### Place

> Toulouse