

# IMAGE PROCESSING AND MODELLING



ECTS  
5 credits



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

## In brief

- **Code:** N8EN11
- **Open to exchange students:** No

## Presentation

### Objectives

The objective of this course is to discover and learn the notions related to the analysis of scenes by identifying low level primitives (contours) and high level primitives (superpixels). The student will also study the classical rendering pipeline and how to implement it. Finally, the notions of surface reconstruction (triangulation) based on the median axis will be studied.

### Pre-requisites

Programming and mathematics of the first year.

## Useful info

### Place

- Toulouse

