

Citizenship Part 1 - S6



Component

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

In brief

- > **Ametys Code:** M23F3860
- > **Open to exchange students:** No

Presentation

Objectives

Are you one of those people who believe that SHS (Humanities and Social Sciences) are not "real sciences", like mathematics or physics?

Do you believe that everything teachers say is true

? Do you believe that most knowledge is acquired by reading texts? If so, you probably have a somewhat naive view of science.

This course is designed to help you take stock of your beliefs about knowledge and science - what we call epistemological beliefs. By the end of this course, you'll be able to take an (even) more critical look at knowledge, the sciences, teachers and the subjects you're taught at school.

Description

1. At the end of Part #1, students will be able to analyze their personal conception of science. They will take a critical look at their personal vision of certain aspects of scientific knowledge such as, for example, the empirical, theoretical, creative and imaginative nature of scientific knowledge, its social and cultural roots, and its provisional nature

2. At the end of Part #2, students will develop their own definition of engineering as an applied science.

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3. By the end of Part #3, students will draw up an inventory of the epistemological factors they believe influence the constitution of a knowledge base in engineering, ingénierie.