

Academic Year/course: 2022/23

63230 - Instructional and Curricular Design in Informatics and Technology

Syllabus Information

Academic Year: 2022/23

Subject: 63230 - Instructional and Curricular Design in Informatics and Technology

Faculty / School: 107 - Facultad de Educación

Degree: 584 -

594 -

ECTS: 6.0

Year: 1

Semester: First semester

Subject Type: Optional

Module:

1. General information

2. Learning goals

2.2. Learning goals

1. To describe the provisions of the Spanish and Aragonese curriculum for the Technology and ICT subjects to use them as a reference framework for the course design.
2. To assess and discuss the aforementioned provisions identifying the curricular and psychoeducational purposes, the itineraries available and how open or close is the current curriculum and the margin of decision they leave for lower levels of curricular design.
3. To describe and analyze the teaching-learning methodological approaches related to the Technology and ICT subjects, placing them according to their epistemological framework.
4. To recognize teaching-learning methodologies, assessing their context relevance and when necessary, adapting them to improve teaching efficiency.
5. To design a basic but legally principled course plan for the area subjects, based on the official curriculums and following the legal framework of reference.

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.3. Syllabus

Educational purposes of teaching computer science and technology in secondary education.

Official regulations.

Mandatory elements of the curriculum.

From curricular design to didactic programming.

Different approaches to relate the elements of the curriculum.

Approaches to teaching technology in secondary education.

Elements of instructional design.

Models, criteria and evaluation techniques.