Universidad Zaragoza

Academic Year/course: 2022/23

63315 - Information and Communication Technologies for Learning

Syllabus Information

Academic Year: 2022/23
Subject: 63315 - Information and Communication Technologies for Learning
Faculty / School: 107 - Facultad de Educación
202 - Facultad de Ciencias Humanas y de la Educación
301 - Facultad de Ciencias Sociales y Humanas
Degree: 584 -
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ECTS: 3.0
Year: 1
Semester: Second semester
Subject Type: Optional
Module:

1. General information

2. Learning goals

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. It is based on active methodologies that promotea relevant use of Information and Communication Technologies in secondary education. A wide range ofteaching and learning tasks are implemented, such as lectures, practice sessions and autonomous work.

Students are expected to participate actively in the class throughout the semester.

Classroom materials will be available via Moodle. These include a repository of the lecture notes used in class, the course syllabus, as well as other course-specific learning materials, including a discussion forum.

Further information regarding the course will be provided on the first day of class.

4.2. Learning tasks

This is a 3 ECTS course organized as follows:

1. Lectures 30hours
2. Practicesessions 30 hours
3. Autonomouswork 45 hours

Generic activities:

- Analysis of readings
- Analysis of materials and documents for the relevant use of technologies to support learning
- Preparation of materials using various tools and / or technological resources
- Analysis, reflection and self-evaluation of the materials made

4.3. Syllabus

The course will address the following topics:

1. Sense of technologies in Education.
2. Representation of information through ICT.
3. Tools for collaboration.
4. Tools for creating learning environments.
5. Technology consumption habits.
6. Audiovisual teaching materials.

4.4. Course planning and calendar

Students have an hour and a half of theoretical class and an hour and a half of practical class in the computer room each week. Each week the theoretical contents corresponding to the seven practices that are carried out are exposed.
Block 1: Select and organize information.
Block 2: Maps, time lines and word clouds.
Block 3: Presentations and Infographics.
Block 4: Tools for collaboration.
Block 5: Creation of surveys, questionnaires and learning activities.
Block 6: Live and Coexist in the digital environment.
Block 7: Audio-visual teaching materials.
In the first week of the subject, the teacher will communicate through Moodle the breakdown of the tasks included in the evaluation and the delivery schedule of the same.
For the students who can take advantage of the continuous evaluation, for having delivered all the practices according to the script and in the way in which they are sequenced chronologically, the date of delivery of the practice portfolio will be set by the teaching staff in each group, taking into account the development of the subject.
For students who appear for the global evaluation, the day of the official call will take the written test and the practice portfolio will be delivered.
Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the Facultad de Ciencias Humanas y de la Educación, Facultad de Ciencias Sociales y Humanas o Facultad de Educación website, depending on the specialty of the Master studied
(https://magister.unizar.es/, http://fcsh.unizar.es/, https://educacion.unizar.es).

4.5. Bibliography and recommended resources

http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=63315