

## 63145 - Analysis of digital resources for learning

### Syllabus Information

**Academic Year:** 2019/20

**Subject:** 63145 - Analysis of digital resources for learning

**Faculty / School:** 107 - Facultad de Educación

**Degree:** 330 - Complementos de formación Máster/Doctorado  
573 - Master's in Lifelong Learning: Introduction to Research

**ECTS:** 3.0

**Year:** XX

**Semester:** 330 - Second semester

573 - Second semester

**Subject Type:** 573 - Optional

330 - ENG/Complementos de Formación

**Module:** ---

### 1.General information

#### 1.1.Aims of the course

#### 1.2.Context and importance of this course in the degree

#### 1.3.Recommendations to take this course

### 2.Learning goals

#### 2.1.Competences

#### 2.2.Learning goals

#### 2.3.Importance of learning goals

### 3.Assessment (1st and 2nd call)

#### 3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

### 4.Methodology, learning tasks, syllabus and resources

#### 4.1.Methodological overview

The methodology followed in this course is oriented towards achievement of the learning objective "to evaluate educational materials in digital format applying tools and research techniques related to the field of educational technology and to the analysis of educational materials". It is based on Flipped Classroom Methodology that favors the development of autonomous work and critical thinking. The activities taking place in class are reduced to the presentation of the course and to the presentation and defense of the students' work.

Activities of type c) (follow-up of works) will be reinforced and will be scheduled from the beginning of the course and they can be on-site or off-site, depending on the students' demand.

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

#### 4.2.Learning tasks

The course includes 3 ECTS organized according to:

- Lectures (0.5 ECTS): 12 hours. The professor presents theoretical contents.
- Practice sessions (0.3 ECTS): 10 hours. They can involve discussion and presentation of case studies, practical work outside the classroom (field work or visits), and seminars.
- Autonomous work ( 1.5 ECTS): 27 hours. Students do tasks such as autonomous study, reading of the course book, preparation of practice sessions and seminars, and summative assignments.

- Tutorials ( 0.5 ECTS): 12 hours. Professors' office hours can be used to solve doubts and to follow-up students' work.
- Assessment (0.2 ECTS): 4 hours. Final examination.

### **4.3.Syllabus**

The course will address the following topics:

1. The target of the teaching materials
2. The hardware and software for the design of multimedia and ICTs curricular materials.
3. Theories related to multimedia and digital learning
4. Methodology for the evaluation of digital information resources.
5. Paradigms of Research in Multimedia learning and Educational Technology.

### **4.4.Course planning and calendar**

For further details concerning the timetable, classroom and further information regarding this course please refer to the "Facultad de Educación" website : <https://educacion.unizar.es/master-aprendizaje/master-aprendizaje>)

### **4.5.Bibliography and recommended resources**

Recommended updated bibliography for the course: look on the website of the library  
<http://psfunizar7.unizar.es/br13/eBuscar.php?tipo=a>