LABORATÓRIOS INTEGRADOS - DIMENSÃO PEDAGÓGICA II

Code: 27218

Main Scientific Area: Computer Graphics and Multimedia

Lecturer: Sara Maria Alves da Cruz

Language of Instruction: Portuguese

Regime: T2

Contact Hours: 8h Total Workload: 19h

ECTS: 1,0

Objectives

Participants are able to find Open Educational Resources (OER) (Unesco, 2021) in their own professional field. They are able to utilize OER in their own teaching practices. In addition, participants are able to facilitate a learning process where their students create their own learning materials and find their Personal Learning Networks (Wheeler, 2015) as well as find open learning materials.

Learning Outcomes

Concept of OER (definition and significance for education), research and evaluation of OER, methods for integrating OER into Pedagogical Practice, innovative learning processes involving Student Content Creation, and development of Personal Learning Networks.

Course Contents

1. Open Educational Resources (OER).

2. OER in the school context.

3. Applying OER in teaching practices. 4. The construction of OER digital libraries for vocational education fields.

Recommended Bibliography

- Ruhalahti, S. (2019). Redesigning a Pedagogical Model for Scaffolding Dialogical, Digital and Deep Learning in - Vocational Teacher Education, Acta electronica Universitatis Lapponiensis 257.

- Unesco (2019). Open Educational Resources. https://en.unesco.org/themes/building-knowledge-societies/oer - Wheeler, S. (2015). Learning with ’e’s Educational theory and practice in the digital age. Llandysul: Gomer Press.

Learning and Teaching Methods

Participants will present their collection of OER materials. They will introduce their learning design for students’ learning process by which they will facilitate their students to create their own learning materials, find relevant OER and find and establish a connection to personal learning networks.

Assessment Methods

Student assessment will be continuous and operationalized through the following assessment elements:

- Attendance and participation: 20%.

- Quality and relevance of the developed materials: 70%. - Presentation: 10%.

In the assessment by EXAM (all sessions), there will be a single final exam carrying 100% of the weight.

If the final grade is less than 9.5 points, the student is not approved in the curricular unit.