PROJETO

Code: 27223

Main Scientific Area: Computer Graphics and Multimedia

Lecturer: Sara Maria Alves da Cruz

Language of Instruction: Portuguese

Regime: A

Contact Hours: 30h Total Workload: 780h

ECTS: 30,0

Objectives

To be able to select and analyse documents resulting from bibliographic research.
To be able to analyse projects that apply technology in educational contexts.
To establish the state of the art of the topic addressed in the project.
To be able to design and develop an experimental project to solve a problem.
To be able to communicate the results of their project clearly, in writing and orally.

Learning Outcomes

At the end of the Project, students should be able to:

1. Select and analyze documents resulting from a literature search;

2. Analyze projects that apply technology in educational contexts;

3. Establish the state of the art of the theme addressed in the project;

4. Design and develop an experimental project that addresses a specific problem;

5. Communicate the results of their project, clearly, in written and oral form.

Course Contents

1. Identify subjects of innovative work regarding the application of technologies to teaching in STEAM areas.

2. Sources of scientific information and literature search.

3. Definition of work plan (motivation, objectives, methodology to be adopted, planning, and validation). 4. Writing of the project report.

Recommended Bibliography

A definir caso a caso, de acordo com o trabalho a ser desenvolvido. / To be defined for each case, according to the work being developed.

Learning and Teaching Methods

The syllabus was defined considering the objectives of the course unit. Thus, objectives 1, 2 and 3 are achieved through programmatic contents 1 and 2. Content 3 responds to objective 4, and content 4 contributes to objective 5.

Assessment Methods

The assessment should be done according to the "Regulation of the curricular unit of dissertation/project/internship - Master's Degree Courses" of IPCA, comprising the following elements:

- Evaluation of the written Project Plan and its oral presentation. - Submission of the final project report, and subsequent analysis and public discussion by a jury composed of between 3 and 5 members.