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| Course Unit | Entrepreneurship and Project Management in EA | | Field of study | - | |
| Bachelor in | Environmental Education | | School | School of Education | |
| Academic Year | 2023/2024 | Year of study | 3 | Level | 1-3 |
| Type | Semestral | Semester | 1 | ECTS credits | 4.0 |
| Code | 9082-768-3105-00-23 | | | | |
| Workload (hours) | 108 | Contact hours | T - | TP 36 | PL - |
| | | | TC - | S - | E - |
| | | | OT 9 | O - | |

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Paulo Miguel Mafra Gonçalves

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Recognize the need for an entrepreneurial spirit in Technical Environmental Education, as well as acquire skills to develop a business plan in the field of environmental education;
2. Use a set of tools and techniques designed to support the generation of ideas;
3. Explore the major forms of project planning and control;
4. Know the stages of preparation, implementation and evaluation of a project in Environmental Education;
5. Know the various tools to support analysis, formulation, organization and implementation of projects;
6. Plan and execute Projects in Environmental Education.

Prerequisites

Before the course unit the learner is expected to be able to:
ITC basic skills.

Course contents

1. Entrepreneurship; 2. Project Management; 3. Software for Project Management. 4. Projects in the context of Environmental Education. 5. Project Phases; 6. Planning, Development and Evaluation of an EE project.

Course contents (extended version)

1. Entrepreneurship
 - Basic aspects of entrepreneurship
 - Techniques for generating ideas
 - Tools for submitting project ideas or business
 - Market studies and opportunities
 - Entrepreneurship: legal aspects
 - Funding models, investing entities, ideas contests and other incentives
 - Models and business plans
2. Project Management
 - What is a Project?
 - Objectives of a Project
 - What is Project Management?
 - The Project Manager
 - The project cycle
3. Software for Project Management.
 - Tools for managing time and cost
 - Techniques for planning and control of projects: GANTT, PERT and CPM
 - Excel: a management tool
 - Other methods, techniques and software tools
4. Projects in the context of Environmental Education.
 - Audience
 - Objectives
 - Expected Results
 - Team Project
 - Partners
5. Project Phases
 - Check list of tasks
 - Request quotes from suppliers
 - Schedule
 - Budget
 - Preparation of final proposal
6. Project in Environmental Education
 - Planning the project
 - Execution and Control Project
 - Project Evaluation

Recommended reading

1. Barbieri, H. (Coord) (2003). Educação e Ambiente-Temas Transversais. Edições Afrontamento.
2. Byers, T. , Dorf, R. , e Nelson, N. (2019). Technology Ventures: From Idea to Enterprise (4ª ed.). McGraw-Hill.
3. Díaz, A. P. (2002). Educação Ambiental como projeto. Trad. Fátima Murad 2ª ed. Artmed.
4. Leitão, J. , Nabeiro, I. e Gomes, D. [Coord.] (2014). Manual para Jovens Empreendedores – Comportamentos e Competências dos 13 aos 18 anos. Coração DELTA Editor.
5. Osterwalder, A. e Pigneur, Y. (2010). Business Model Generation. 1st ed. John Wiley & Sons, Inc.

Teaching and learning methods

Theoretical presentations about the issues dealt with in the class. Group work related to the organization of environmental education projects.

Assessment methods

1. Continuous assessment - (Regular, Student Worker) (Final)
 - Practical Work - 50% (Entrepreneur for one day (20%) Business plan (20%) Pre-project for EE-Environmental Education (10%))
 - Projects - 50% (EE Project Plan (20%); Implementation of the plan (20%); Evaluation report of the project (10%).)
2. Exam assessment - (Regular, Student Worker) (Supplementary, Special)
 - Final Written Exam - 40% (Exam)
 - Projects - 60% (Evaluation of the project phases (Pre-project, Project Plan; Project Execution and Project Report).)

Language of instruction

Portuguese, with additional English support for foreign students.

Electronic validation

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|------------------------------|---|---|------------------------------|
| Paulo Miguel Mafra Gonçalves | Adorinda Maria Rodrigues Pereira S. Gonçalves | Adorinda Maria Rodrigues Pereira S. Gonçalves | Carlos Manuel Costa Teixeira |
| 14-02-2024 | 14-02-2024 | 14-02-2024 | 18-02-2024 |