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| <b>POLI</b><br>ESCOLA SUPERIOR<br>TECNOLOGIA<br>GESTÃO<br><b>TÉCNICO</b><br><b>GUARDA</b> | <b>SUBJECT DESCRIPTION</b> | <b>MODELO</b><br>PED.013.03 |
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|   |                        |                      |           |              |              |   |
|---|------------------------|----------------------|-----------|--------------|--------------|---|
| Course  | Energy and Environment |                      |           |              |              |   |
| Subject   | Project                |                      |           |              |              |   |
| Academic year   | 2023-2024              | Curricular year      | 3rd       | Study period | 2nd semester |   |
| Type of subject   | Compulsory             | Student workload (H) | Total:224 | Contact: 30  | ECTS         | 8 |
| Professor(s)  | Rui Pitarma            |                      |           |              |              |   |
| <input checked="" type="checkbox"/> Area/Group Coordinator<br><input type="checkbox"/> Head of Department | (select)               | Rui Pitarma          |           |              |              |   |

## PLANNED SUBJECT DESCRIPTION

### 1. LEARNING OBJECTIVES

- Develop student autonomy
- Develop team work skills
- Apply and assimilate the knowledge acquired during the cycle of studies
- Promote an effective connection to the labour market.

### 2. PROGRAMME

Preparation of an applied, experimental or field assignment/project, within the scope of the scientific and technical topic with emphasis on energy and environment.

### 3. COHERENCE BETWEEN PROGRAMME AND OBJECTIVES

The elaboration of an assignment/project, either individually or in group, aims to contribute to the student's integral training as a person and as a future professional. At the end, the student must be prepared and be able to develop their activity, alone or as a team, using the knowledge acquired in the course.

### 4. MAIN BIBLIOGRAPHY

- Diverse depending on the topics of the assignments/projects.

### 5. TEACHING METHODOLOGIES (INCLUDING EVALUATION)

- Initial presentation of various topics relevant to the development of projects;
  - Student choice of adviser from among the designated teachers).
  - Weekly monitoring of the work by the adviser;
  - Qualitative assessment from the adviser;
  - Preparation, presentation and discussion of the final report, before a jury, for 100% (1) of the final classification.
- (1) The involvement and dedication of the student, through ongoing assessment of the learning arc, possibly supported by regular reports by the student, must be taken into account.

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## 6. COHERENCE BETWEEN TEACHING METHODOLOGIES AND OBJECTIVES

*The constant monitoring on the part of advisers and a final report on the project encourages students to carry out demanding work compatible with the requirements of the market. This methodology aims to develop the professional skills, accuracy and technical and scientific vision required for the professional in this sector of work.*

## 7. ATTENDANCE

*Attendance is strongly recommended but there is no mandatory minimum to be observed by students.*

## 8. CONTACTS AND OFFICE HOURS

*E-mail: [rpitarma@ipg.pt](mailto:rpitarma@ipg.pt);*

*Office: 14 ; Laboratory: Air conditioning and Environment.*

*Doubts and questions should be clarified in tutorial hours or service hours.*

## DATE

**18 de março de 2024**

## SIGNATURES

Professor and Area/Group Coordinator



(signature)