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| POLI ESCOLA SUPERIOR TECNOLOGIA GESTÃO TÉCNICO GUARDA | SUBJECT DESCRIPTION | MODELO PED.013.03 |
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| <i>Course</i> | Mechanics and Industrial Informatics | | | | | |
| <i>Subject</i> | Project | | | | | |
| <i>Academic year</i> | 2022-2023 | <i>Curricular year</i> | 3rd | <i>Study period</i> | 2nd semester | |
| <i>Type of subject</i> | Compulsory | <i>Student workload (H)</i> | Total: 270 | Contact: 45 | <i>ECTS</i> | 10 |
| <i>Professor(s)</i> | Adérito Neto Alcaso; Rui Pitarma Ferreira | | | | | |
| <input checked="" type="checkbox"/> <i>Area/Group Coordinator</i> <input type="checkbox"/> <i>Head of Department</i> | <i>(select)</i> | | Rui Pitarma Ferreira | | | |

PLANNED SUBJECT DESCRIPTION

1. LEARNING OBJECTIVES

With this curricular unit it is intended that the student is able to apply and integrate the knowledge acquired throughout the study cycle, while developing their autonomy and capacity to work as a team, and also fostering an effective connection to the job market.

2. PROGRAMME

Elaboration of an applied, experimental or field work, developed in an academic environment or business/industrial, within the scope of technical-scientific themes relevant to the course area.

3. COHERENCE BETWEEN PROGRAMME AND OBJECTIVES

The elaboration of a project work, individually or in a group, unifying the knowledge acquired throughout the study cycle, aims to contribute to the integral formation of the student as a person and professional future. In the end, the student should be prepared and able, independently or in team, to develop its activity using the knowledge acquired in the course.

4. MAIN BIBLIOGRAPHY

Diverse bibliography depending on the themes addressed, but based on the themes of the units course curriculum.

5. TEACHING METHODOLOGIES (INCLUDING EVALUATION)

Teaching methodologies:

- Initial presentations on various topics relevant to the development of project work;
- Weekly theoretical-practical monitoring of work;
- Elaboration of the final report for evaluation.
- Evaluation: presentation and discussion of the final report before a jury

6. COHERENCE BETWEEN TEACHING METHODOLOGIES AND OBJECTIVES

The autonomous development of a project, with tutoring by the teacher and the elaboration of a final report, encourages students to develop demanding work compatible with the labour market requirements. The methodology intends, therefore, to stimulate and develop the professional skill,

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rigor and the technical-scientific vision of the sector necessary for the exercise professional in the field of training.

7. CONTACTS AND OFFICE HOURS

E-mail: rpitarma@ipg.pt , Office 14; aderitona@ipg.pt , Office 11.

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

DATE

18 de março de 2024

SIGNATURES

Professor(s), Area/Group Coordinator or Head of Department signatures

Professor

(signature)

Area/Group Coordinator

(signature)