

POLI ESCOLA SUPERIOR TECNOLOGIA GESTÃO TÉCNICO GUARDA	SUBJECT DESCRIPTION	MODELO PED.013.03
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Course	Engenharia Topográfica				
Subject	Implantação de Obras de Engenharia Civil				
Academic year	2023/2024	Curricular year	2.º	Study period	2.ª
Type of subject	Obrigatório	Student workload (hours)	Total: 126	Contact: 45	ECTS 4,5
Professor	Sónia Hortênsia Moreira Marques				
<input checked="" type="checkbox"/> Area/Group Coordinator <input type="checkbox"/> Head of Department	José Carlos Costa De Almeida				

PLANNED SD

1. LEARNING OBJECTIVES

>Learning and exploration of concepts and techniques within implantation of civil engineering works in order to facilitate solving problems

2. PROGRAMME

>Introduction to implantation of civil engineering works

>Notions of civil engineering projects and works and related vocabulary

>Instructions for preparation and coordination of projects and classification of works by categories

>Required qualifications for responsables for preparation and coordination of projects as well as for management and supervision of works

>The role of implantation on observation of civil engineering works

>Notions of general topography and processes and methods of implantation

>Applications of implantation of various structures

>Applications of implantation of earth movements and earthworks and transport infrastructures

3. COHERENCE BETWEEN PROGRAMME AND OBJECTIVES

>The objectives of the curricular unit are developed in the summary of the programme concluded that in particular learning and exploration of concepts and techniques within civil engineering works is aimed at providing elements of interest in a general purpose curricular unit for the implantation of civil engineering works

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4. MAIN BIBLIOGRAPHY

>Notes prepared by the Teacher included compiled <https://moodle.ipg.pt/>

>Recommended book: Casaca and Others, Topografia Geral, Lidel

5. TEACHING METHODOLOGIES (INCLUDING EVALUATION)

>Teaching methodologies: methods affirmative and interrogative and active

>Frequency evaluation:

>It is approved the student whose final grade is equal or greater than 9.5 values considering the following:

>Works evaluated valid for 2021/2022-4 values

>Written test-16 values

>Exam evaluation:

>It is approved the student whose final grade is equal or greater than 9.5 values considering the following:

>Works evaluated valid for 2021/2022-3 values

>Written test-17 values

>Or by written declared option

>Written test-20 values

>Recourse or special evaluation:

>It is approved the student whose final grade is equal or greater than 9.5 values considering the following:

>Written test-20 values

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6. COHERENCE BETWEEN TEACHING METHODOLOGIES AND OBJECTIVES

>The methods affirmative and interrogative and active correspond to presentation, demonstration, interrogation and case study, and include actions of description, verification and application of the objectives, concluded that in particular the case study are related to the comprehensive approach of thematic

7. ATTENDANCE

>Not applicable

8. CONTACTS AND OFFICE HOURS

>smarques@ipg.pt, room 63, wednesdays from 10h:20m to 13h:30m

9. OTHERS

>Not applicable

DATE

19/2/2024

SIGNATURES

Professor Signature



Coordinator Signature