

POLI ESCOLA SUPERIOR TECNOLOGIA GESTÃO TÉCNICO GUARDA	SUBJECT DESCRIPTION	MODELO PED.013.03
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Course	Engenharia Topográfica				
Subject	Vias de Comunicação				
Academic year	2023/2024	Curricular year	3.º	Study period	1.º
Type of subject	Obrigatório	Student workload (hours)	Total: 168	Contact: 60	ECTS 6
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 transport infrastructures in order to facilitate solving problems

2. PROGRAMME

- >Environmental impact assessment in transport infrastructures
- >Rail infrastructures
- >Intelligent transport systems with approach to signaling and safety in transport infrastructures
- >Main elements in road infrastructures
- >Main conditions of the layout in road infrastructures
- >Study phases in road infrastructures
- >Earth movements and earthworks in road infrastructures (includes performing laboratory and field tests such as compaction and field bottle and CBR)
- >Pavements in road infrastructures
- >Drainage in road infrastructures
- >General geometric definition in road infrastructures
- >Plan and longitudinal and cross sectional layout in road infrastructures

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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 transport infrastructures is aimed at providing elements of interest in a general purpose curricular unit for the transport infrastructures project

4. MAIN BIBLIOGRAPHY

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

>Notes prepared by the Professor Luís de Picado Santos and Others <https://moodle.ipg.pt/>

>Recommended book: Luís de Picado Santos and Others, Pavimentos Rodoviários, Almedina

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 2022/2023-5 values

>Written test-15 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 2022/2023-3 values

>Written test-17 values

>Or by written declared option

>Written test-20 values

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>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

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 thematics

7. ATTENDANCE

>Not applicable

8. CONTACTS AND OFFICE HOURS

>smarques@ipg.pt, room 63, thursdays from 10h:30m to 12h:30m and from 13h:30m to 15h:30m except on 26/10 and 16/11 and 4/1 in which the afternoon period is from 15h:30m to 17h:30m

9. OTHERS

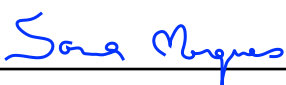
>Not applicable

DATE

19/10/2023

SIGNATURES

Professor Signature



Coordinator Signature

