

Course Unit	Final Project		Field of study	Computer Science/Information Systems/Computer Engineering	
Bachelor in	Informatics Engineering		School	School of Technology and Management	
Academic Year	2021/2022	Year of study	3	Level	1-3
Type	Annual	Semester	-	ECTS credits	12.0
			Code	9119-706-3001-00-21	
Workload (hours)	324	Contact hours	T -	TP -	PL -
			TC -	S -	E -
			OT 120	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) Carlos Jorge da Rocha Balsa, Leonel Domingues Deusdado, Luísa Maria Garcia Jorge

Learning outcomes and competences

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

1. Develop habits of scientific reasoning and stimulate critical mind.
2. Encourage the basis of self-confidence for the analysis of results by comparison with published data and the use of academic sources.
3. Apply and consolidate the knowledge acquired in various scientific fields of computer science.
4. Integrate the knowledge, studies and the specific skills in computer science areas.
5. Demonstrate ability to solve problems facing new challenges.
6. Developing the capability of oral and written communication, in Portuguese and English, and discuss in critical and sustained forms, proposals and results.
7. Develop and strengthen the capacity of self-learning and teamwork and develop a high degree of autonomy.
8. Know and understand the ethical issues and ethical standards.

Prerequisites

Before the course unit the learner is expected to be able to:
N/A

Course contents

The content of the final project, generally, should cover the global areas breached by the computer science component over the graduation (Information Systems, Computer Science and Computer Systems).

Course contents (extended version)

- Specific for each project/internship.

Recommended reading

Específica de cada projeto/estágio. / Specific for each project/internship.

Teaching and learning methods

The students will develop the necessary technical and scientific actions to reach the goals established by the advisor(s), through a knowledge integrating project/internship based on the detailed specification, previously provided by the advisor(s).

Assessment methods

1. Alternative 1 - (Regular, Student Worker) (Final, Special)
 - Projects - 40% (Intermediate assessment (start of the 2nd semester): intermediate report with public presentation.)
 - Projects - 60% (Final assessment: project report, public presentation (with poster) and oral (viva) defence.)
2. Alternative 2 - project in a single semester - (Regular, Student Worker) (Final, Special)
 - Projects - 100% (Final assessment: project report, public presentation (with poster) and oral (viva) defence.)
 - Projects - 0% (Notice: alternative with specific norms and only applicable to projects carried out in a company.)

Language of instruction

1. Portuguese
2. English

Electronic validation

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08-03-2022	12-03-2022	17-03-2022