Internship in Programming

Code: ERAGT091   Acronym: III

Occurrence: 2023/24 - 2S

Teaching Area: *Informática*

Courses

Acronym	Nº de Estudantes	Plano de Estudos	Academic Year	Credits	Horas Contacto	Total Hours
ERSGT		Curso Erasmus	1º	12	*	

Hours Actually Taught

* 15 (in School) + 250 (in a Company)

ERA-1-D

Theoretical and Practical: 0,00

Teaching - Weekly Hours

Theoretical and Practical: 0,00

Type	Teacher	Classes	Hours
Theoretical and Practical	Totals	1	0,00
	Filipe Montez Coelho Madeira - ESGT		0,00

Teaching - Responsabilities

Teacher	Responsabilidade
Filipe Montez Coelho Madeira - ESGT	Responsável

Learning outcomes and their compatibility with the teaching method (knowledge, skills and competencies to be developed by students)

The objective is to provide an opportunity for the creation of new knowledge or the consolidation and application of knowledge acquired in previous studies. Based on an educational context, the student can benefit from scientific, technical, and pedagogical conditions suitable for carrying out a project oriented towards professional practice and/or scientific objectives. The realization of innovative, creative, and entrepreneurial projects will be encouraged, stimulating the ability to think coherently between previously acquired competencies and those that may be necessary to achieve the project. The promotion of sharing experiences and knowledge that the project will provide to its executor will be particularly relevant, assuming that in the society of information and knowledge, the construction of knowledge is based on sharing.

Syllabus

The contents to be covered throughout the semester in the curriculum unit result from the individual choice of the student in conjunction with the designated advisor and supervisor (Guidance Team). These contents may include aspects covered in any curriculum unit of the course, or other subjects that, even if not addressed during the course, may be considered essential and relevant for the project, internship, or scientific article to be developed. In the case of writing a scientific article, the Guidance Team may consist of 2 professors (one of them must be from our institution). These contents will be enumerated and described in the specific work plan associated with this curriculum unit.

Demonstration of the syllabus coherence with the curricular unit¿s learning objectives

Considering that the objective of the curriculum unit is to provide the student with a more intense practical experience around a set of skills selected by him/her, in conjunction with the Guidance Team, the definition of content can only be carried out individually and specifically for each student.

Teaching and learning methodologies specific to the curricular unit articulated with the pedagogical model

Teaching is conducted through tutoring, covering from site selection to the completion of the report. Assessment is continuous and may include interim written and oral assignments, participation in academic and extracurricular activities, as well as the public presentation of the project, internship, or scientific article. Evaluation criteria may vary depending on the nature of the work and are communicated to students within 3 weeks after receiving the work plan. There will be no exam. For internships or projects, the final report must be submitted within 15 days after its completion, which can be extended to 30 days if requested within the first 15 days. In the case of writing a scientific article, completion is considered after successful submission to a scientific journal agreed upon with the guidance team.

Demonstration of the coherence of teaching and evaluation methodologies between the learning objectives of the curricular unit

Creating conditions for the development of interesting projects occurs actively, especially in the initial stages, through the selection of topics and partners most suitable for each student, being fundamental to achieve the objectives of the curriculum unit. The involvement of the teacher in this phase is crucial for the success of the project, internship, or writing of a scientific article, despite the autonomy that the student must have in the choices to be made. The role of tutor performed by the teacher and the supervisor will ensure that the experience resulting from the project is beneficial, both for the positive aspects achieved and for learning from the mistakes made. All of this should be the subject of an initial plan and a final presentation, as a way to reflect and report on the teachings applied and obtained with the project developed. The distant but always present position of the teacher of the curriculum unit provides the necessary autonomy to the student in conducting the work, while simultaneously providing support for difficulties encountered and opportunities for learning that arise.

Bibliography (Mandatory resources)

Defined by the student in his/her work plan.