IKASGAIA/ASIGNATURA/**SUBJECT**: Vigilancia Científica y Tecnológica / Science & Technology Intelligence		
MODULUA/MÓDULO/**MODULE**: Projects and Company		
KODEA/CÓDIGO/**CODE**: VCT 04-2022/23	**KURTSOA**/CURSO/**COURSE**: 4º	**KOKAPENA**/UBICACIÓN/**PERIOD**: 7th/8th Semester
IRAUPENA/DURACIÓN/**DURATION**:150 h	**KREDITUAK**/CRÉDITOS: 6 ECTS	**MOTA**/TIPO/**TYPE**: Internship
IRAKASLEA/PROFESOR/**LECTURER**: Roberto Altzerreka		**HIZKUNTZA**/IDIOMA/**LANGUAGE**: English

HELBURUA – OBJETIVO - **OBJECTIVE:** Carry out a synthesis work on a technical or scientific topic that corresponds to questions that arise in companies. It can also contribute to a research project.

IKAS-PROZESUAREN EMAITZAK/ RESULTADOS DE APRENDIZAJE/ **LEARNING OUTCOMES**	**ASOZIATUTAKO GAITASUNAK /** COMPETENCIAS ASOCIADAS/ **ASSOCIATED COMPETENCIES**	**EDUKIAK/** CONTENIDOS/ **CONTENTS**
• To study a problem from a scientific and technical point of view in order to identify different solutions and propose them. • To acquire or deepen knowledge in a scientific or technical field. • To integrate and respect a methodical and rigorous procedure • To carry out a search for information based on documentary resources, analysis of experiences, consultation of experts, etc. • Work in a team, organising the distribution of tasks. • Research and describe the scientific and technical aspects, compare with other objects, materials or techniques. • Write a clear and concise document, usable in the company and in a dissemination perspective. • Clearly and concisely present the result of the work.	CB1, CB2, CB3, CB4, CB5, CG4, CG4.1, CG4.2, CG4.3, CG4.4, CG4.5, CE2, CE2.1, CE2.2, CE2.3, CE2.4, CE2.6, CM1, CM2, CM3, CM4, CM5, CM6	• The topics can be combined and come from needs expressed by the company tutors, from individual needs for further training and from proposals from organisations working with the school. • The students' approach should lead them to: ◦ Start from the questions that arise. ◦ Identify, choose and delimit the topic to be studied ◦ Placing the topic in its context ◦ Seek scientific or technical information aimed at analysing what already exists ◦ Seek out prospects for development and/or the conditions of application ◦ Validate the information you have selected ◦ Synthesise this information ◦ To provide them in writing and orally for the purpose of communication and dissemination. • It must contain at least the following elements: ◦ A summary in Basque, Spanish and English. ◦ A table of contents ◦ An introduction ◦ A development of the topic covered ◦ The perspectives of evolution and/or the conditions of applicability ◦ A conclusion ◦ A bibliography

BALIABIDE /METODOLOGIA PEDAGOGIKOAK - MEDIOS/MÉTODOS PEDAGÓGICOS – PEDAGOGICAL METHODS:

- Explanatory and/or demonstrative sessions by the teacher.
- Carry out a study of a problem from a scientific and technical point of view in order to identify different solutions and propose them.

BIBLIOGRAFIA – BIBLIOGRAFÍA - **BIBLIOGRAPHY:**

- Documentation in Moodle
- Workload notebook
- Depending on the work to be done

IRAKASKUNTZA MOTA -TIPO DE DOCENCIA – **TYPE OF TEACHING:**

Irakaskuntza mota*/Tipos de docencia/****Teaching types***:
M=Magistrala/Magistral/Master;**S**=Mintegia/Seminario/Seminar; **GA**=Gelako praktikak/Prácticas de Aula/Practical testing in classroom; **GL**=Laborategiko praktikak/Prácticas de Laboratorio/Laboratory Tests; **GO**=Ordenagailuko praktikak/Prácticas de ordenador/Computer Tests; **TA**=Tailerra/Taller/Workshop; **TI**=Tailer industraial/Taller Industrail/Industrial workshop;

Irakaskuntza mota / Tipo de docencia / **Type of teaching**	**M**	**S**	**GA**	**GL**	**GO**	**TA**	**TI**
Ikasgelako eskola-orduak /Horas de docencia presencial /**Face-to-face class hours**	100	36					
Ikasgelaz kanpoko ikaslearen orduak / Horas de actividad no presencial del alumno/ **Student hours outside the classroom**	14						

EBALUAZIO METODO ETA IRIZPIDEAK – MÉTODOS Y CRITERIOS DE EVALUACIÓN – **EVALUATION METHODS AND CRITERIA**

ETENGABEKO EBALUAZIOA - EVALUACIÓN CONTINUA – **CONTINUOUS EVALUATION** [X]

AZKEN EBALUAZIOA - EVALUACIÓN FINAL – **FINAL EVALUATION** [X]

Ebaluazio probetan erabili ahal izango diren baliabide eta bitartekoak / Medios y recursos que se podrán utilizar en las pruebas de evaluación / **Resources that can be used in the evaluation tests**

OHIKO DEIALDIA - CONVOCATORIA ORDINARIA – **REGULAR CALL**

- The assessment will be made on the basis of four elements:
  - Monitoring system 20%.
  - Written report 30%

- Poster 30%
- Oral presentation 20%

- In case of failure, the elements "Written report", "Poster" and "Oral presentation" will be repeated according to the guidance received.
- The element "Monitoring system" is not recoverable in the proposed format. In case of failure, an additional work related to technology watch will be carried out, to be agreed with the teacher.
- Compulsory to attend all the oral presentations, except for duly justified reasons, not attending will result in a 0 in this section of the evaluation. In case of failure in this section, an additional work will be carried out on the projects carried out by all the groups of the course to be agreed with the teacher.
- In order to pass the course, a minimum mark of 5 must be obtained in each and every one of the elements.

EZOHIKO DEIALDIA - CONVOCATORIA EXTRAORDINARIA – **EXTRAORDINARY CALL**

- The element that has not been approved according to the above guidelines shall be recovered.