BACHELOR'S DEGREE IN INDUSTRIAL DESIGN ENGINEERING

SYLLABUS
EXTERNAL PRACTICUM II

ACADEMIC YEAR: 2026-27
GRADE: 4th
CHARACTER: Curricular Internships
SEMESTER: 1st
ECTS: 12
TEACHING HOURS: 240
HOURS OF SELF-EMPLOYMENT: 60
TOTAL HOURS: 300
LANGUAGE/S: Castellano/Català/English
CODE: 17057

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PRESENTATION OF SUBJECT / OBJECTIVES
External practicum are defined as the training activities that the student develops in collaborating companies and institutions with the aim of completing the training.

The internships designed in this degree must allow the student to develop the training activity in the contexts of industrial design and design engineering professionals and at the same time develop transversal skills such as critical and innovative capacity, teamwork.

Internships can be carried out in the international context, either through specific internship agreements in specific companies or institutions, as well as through the agreements that Elisava may establish with other universities around the world.
The objective of the External Internship subjects is for the student:
- Know the organizational structure of a company or institution.
- Identify the tasks of a graduate in Industrial Design Engineering in the context of the company.
- Apply the knowledge to your professional practice.
- Consolidate and relate technical and technological concepts of various subjects.
- Participate and get involved in the situations of a professional activity.

In this second 12-credit internship subject, the student will be responsible for tasks related to the organization, planning and execution of engineering projects, and their communication in multidisciplinary and complex environments. In the different internship subjects, students can maintain or change the company/institution where they carry out the internship for a better knowledge of different professional realities.

SUSTAINABLE DEVELOPMENT GOALS (SDGS)
This subject does not specifically incorporate any SDGs.

CONTENTS
Personal skills for working in multidisciplinary teams.
Communication techniques in professional environments.
Professional ethics taking into account the different cultural, social, economic, ethical and gender realities.

TEACHING METHODOLOGIES
- Work sessions with the whole group, class with the teacher. (PA)
- Small group work sessions with the teacher (PB)

COMPETENCIES
- G3 - Integrate formal sensitivity as a fundamental part of the project process.
- CB4 - Students are able to transmit information, ideas, problems and solutions to both a specialised and non-specialised audience
- CB5 - Students must have developed those learning skills necessary to undertake further studies with a high degree of autonomy
- T2 - Project the values of entrepreneurship and innovation in the exercise of the personal, academic and professional trajectory, through contact with different realities of practice and with motivation towards professional development.
- T6 - Use different forms of communication, both oral and written or audiovisual, in their own language and in foreign languages, with a high degree of correctness in use, form and content.

- T7 - To become the main actor in the training process itself with a view to personal and professional improvement and the acquisition of a comprehensive training that allows learning and living together in a context that respects linguistic diversity, with diverse social, cultural, gender and economic realities.
- E6 - Use different methodologies and work tools to correctly design any product, system or service.
- E10 - Understand the current industrial reality in order to function in the professional environment.

LEARNING OUTCOMES

- It communicates knowledge, methodology, ideas, problems and solutions to all types of audiences (specialized or not) in a clear and precise way.
- Identify their own training needs and to organise their own learning with a high degree of autonomy in all types of contexts (structured or not).
- It analyzes one's personal and professional capacities in relation to different areas of professional practice.
- Prepares reports and written documents (mainly of a technical nature).
- Show an attitude of motivation and commitment to personal and professional improvement.
- Uses different methodologies and work tools appropriate to their professional context
- Understand the professional reality they face
- Solves problems and situations typical of professional performance with entrepreneurial and innovative attitudes.
- Assumes different responsibilities in the collaborative individual work and evaluates the results obtained.

TRAINING ACTIVITIES

Each subject will present at the beginning of the course its WORK PLAN where the didactic activities per week / session / autonomous work are recorded.

EVALUATION

EVALUATION SYSTEMS

The evaluation of the subject will be based on continuous monitoring of the student's academic work throughout the course.

EVALUATION SYSTEM	FINAL WEIGHTING
P2-Follow-up of the work done	40
P3-Reports from the students themselves, External Tutors, Tribunal	40
P5-Completion of required work or projects	10

EVALUATION CRITERIA

The final grade of the subject will be the weighted average of the grades of the assessable activities according to the following table:

ASSESSABLE ACTIVITY	WEIGHT	RETRIEVABLE (up to 50%)	EVALUATION SYSTEM
Activity-1 Report from external tutor on the activities carried out	40%	NO	P-2/P-3
Activity-2 Student's memory	50%	YES*	P-5/P-2/P-3
Activity-3 Continuous monitoring report of the academic tutor	10%	NO	P-2/P-3

Students will have the option of retaking the retake tests. The retake tests will be carried out in the period of the semester allocated to this function, not being able to recover more than 50% of the subject.
* If the Recoverable Assessable Activities exceed 50%, the student body may choose, up to a limit of 50%.
The unjustified non-submission of any assessable activity implies a grade of 0, even if the activity has been classified as Recoverable.
Recoverable Activities can only be recovered when they have been submitted by the student body on the indicated date and with a grade equal to or greater than 3.
If access to the retake test is waived, the grade achieved in the first instance will be maintained.
In case of taking the recovery, the grade obtained will be the last, even if it is lower than the first.
Plagiarism or copying someone else's work is penalised in all universities and, according to the Rules of Coexistence of the University of Vic-Central University of Catalonia, they constitute serious or very serious offences. That is why in the course of this subject any indication of plagiarism or misappropriation of texts or ideas of other people (What is considered plagiarism?) as well as the improper or undeclared use of Artificial

Intelligence in an activity, automatically translates into a failure and/or other disciplinary measures (Normes de Convivencia de la Universitat de Vic-Universitat Central de Catalunya).
For any questions or queries, see the (Academic Regulations of the Bachelor's Degree of the Faculty of Design and Engineering Elisava UVic-UCC).

BIBLIOGRAPHY AND TEACHING RESOURCES

- Qvist-Sørensen, Ole & Baastrup, Loa. 2019. *Visual Collaboration: A Powerful Toolkit for Improving Meetings, Projects, and Processes.* Hoboke, New Jersey. Wiley.
- Stickdorn, Marc; Hormess, Markus; Lawrence, Adam. 2016. *This is Service Design Doing: Applying Service Design Thinking in the Real World: a Practitioner's Handbook*. Sebastopol, CA. O'Reilly.
- Taylor, Fig. 2010. *How to create a portfolio & get hired: a guide for graphic designers and illustrators.* Laurence King.
- Belsky, Scott. 2018. *The Messy Middle: Finding Your Way Through the Hardest and Most Crucial Part of Any Bold Venture.* London. Portfolio.
- Nussbaum, Martha C. 2013. *Creating Capabilities. The Human Development Approach.* Cambridge, MA. Harvard University Press.
- Ries, Eric. 2011. *The Lean Startup: How Today's Entrepreneurs Use Continuous Innovation to Create Radically Successful Businesses.* Adelaide, AU. Crown Currency.

The teaching staff will provide a specific bibliography at the beginning of the subject, if applicable.

Facultat de Disseny i Enginyeria
ELISAVA