

## SUBJECT SYLLABUS

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**Subject Code:** to be defined depending on the level and number of credits

**Title:** *Supervised Project / Proyecto Supervisado*

**Semester:** 1 and 2

**Credits:** 12 ECTS, 18 ECTS, 24 ECTS, 30 ECTS

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### DESCRIPTION

A project is a substantial piece of work carried out by the student over a semester period (Autumn/Spring). Although the project is often the systematic development of a technological product, it could also be a technology comparison, or more innovative or experimental research work. Projects are supervised by members of the academic staff. The project gives the student the opportunity to consolidate previously acquired skills and knowledge and to demonstrate their ability to acquire new knowledge in solving a problem. It is also important for developing the ability to communicate ideas effectively. Planning and organisation of time is essential since the project can be a substantial part of the semester workload.

### PREREQUISITES

None

### LEARNING OUTCOMES IN TERMS OF GENERIC AND SPECIFIC COMPETENCES

The student will be able to explore different bibliographical information sources, think independently about a specific area of interest, and in collaboration with a supervisor, work on a specific engineering topic, solving technical problems and developing an appropriate solution.

The student will practice skills in setting goals, planning and time management, as well as in technical writing and oral presentation.

### CONTENTS

The project topic will be worked out between each supervisor and student.

### TEACHING-LEARNING STRATEGY

The student is required to plan with the supervisor an individualized schedule of reading, research, development work or other academic activities which results in agreed deliverables within the semester, and culminating in a written project report and a public oral presentation.

The amount of credit provided for the Supervised Project should be clearly linked to the amount of work involved in the course. Subject credit: 6 ECTS = 150 hours.

### ASSESSMENT SYSTEM

The assessment will be based in the quality of the technical work (50%), the project report (30%) and the oral presentation (before a jury) (20%).

Criteria used for evaluation: for the technical work (technical complexity, innovation, degree of fulfillment of the project goals), for the project report (quality of the written report in form, structure, presentation) and for the oral presentation (oral skills, visual aids and non-verbal communication).

### BIBLIOGRAPHY

N/A