

IDENTIFICATION

Course code : E2CP4I1
ECTS : 1

DURATION

Lectures : 0
Tutorial classes : 0
Labs : 0
Total : 0

Project :
Personnal work :

ASSESSMENT

Report + Oral presentation (20 min)

TEACHING MATERIALS

LANGUAGE

English

CONTACT

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Modifié le : 14 juillet 2026

UE : INFORMATIQUE

COURSE : PROJECT S-IV

SCOPE OF THE COURSE

OBJECTIVES

Engineer's life simulator. Students must demonstrate that they can not only solve a technical problem but also manage its resolution within constrained conditions (time, resources, team).

COMPETENCE AND SKILLS

- **Project management skills** : ability to plan, lead, and monitor a project (defining specifications, managing a Gantt chart, identifying risks, and meeting deadlines).
- **Technical application** : applying scientific and technical knowledge acquired in courses to design, model, or implement a concrete solution (prototype, software, technical study).
- **Teamwork and collaboration** : demonstrating the ability to organize collectively, distribute tasks, manage group interactions, and work effectively in a team.
- **Autonomy and initiative** : ability to research information, learn new tools, and make decisions to overcome obstacles without passively waiting for solutions.
- **Professional communication** : documenting the project (reports) and presenting the work (oral defenses), clearly and convincingly justifying technical choices and the approach.

PROGRAM

1. Introduction to project management : specifications, planning, Gantt chart, risk identification.
2. Design and implementation : applying scientific and technical knowledge to develop a solution (prototype, model, study).
3. Team organization : task distribution, coordination, managing interactions, and progress tracking.
4. Autonomy and problem-solving : information research, tool mastery, decision-making, and adapting to obstacles.
5. Documentation and presentation : writing a structured report and delivering an oral defense with justified technical choices.

BIBLIOGRAPHY

REQUIREMENTS