

IDENTIFICATION

Course code : E2CP3I1
ECTS : 1

DURATION

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

Project :
Personnal work :

ASSESSMENT

Report + Oral presentation

TEACHING MATERIALS

LANGUAGE

English

CONTACT

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UE : INFORMATIQUE

COURSE : PROJECT S-III

SCOPE OF THE COURSE

OBJECTIVES

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

COMPETENCE AND SKILLS

- **Project Management Mastery** : knowing how to plan, lead, and monitor a project (defining a specifications document, 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, assign tasks, manage group interactions, and work effectively in a team
- **Autonomy and Initiative** : being capable of researching information, training on new tools, and making decisions to overcome obstacles without passively waiting for solutions
- **Professional Communication** : knowing how to document the project (reports) and present the work (oral defenses), justifying technical choices and the approach clearly and convincingly

PROGRAM

1. Defining the specifications document and project planning (Gantt chart, risk identification).
2. Designing and implementing a technical solution (prototype, model, or study) leveraging scientific knowledge.
3. Collective organization : role distribution, task coordination, use of collaborative tracking tools.
4. Developing autonomy : information research, tool mastery, problem-solving, and decision-making.
5. Producing the final report and preparing the oral defense with justified arguments for technical and methodological choices.

BIBLIOGRAPHY

REQUIREMENTS

Entire CPI curriculum