ESIROI
ÉCOLE D'INGÉNIEURS
UNIVERSITÉ DE LA RÉUNION

DEPARTMENT : *CPI*
SEMESTER : *S3*

IDENTIFICATION

Course code : E2CP3A1
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 : AGROALIMENTAIRE

COURSE : PROJECT S-III

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 Mastery** : 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, delegate 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** : Ability to document the project (reports) and present the work (oral presentations), justifying technical choices and the approach clearly and convincingly

PROGRAM

1. Introduction to project management : writing specifications, planning, work organization, and risk management.
2. Design and development : applying scientific and technical knowledge to model or implement a solution (prototype, software, study).
3. Collaborative work : task delegation, coordination, progress tracking, and use of shared management tools.
4. Developing autonomy : resource research, mastering new tools, problem-solving, and decision-making.
5. Documentation and valorization : writing a structured report and preparing an oral presentation with justification of technical choices and the approach.

BIBLIOGRAPHY

REQUIREMENTS

Entire CPI Training