

IDENTIFICATION

Course code : E2CP4A1
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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UE : AGROALIMENTAIRE

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** : planning, steering, and monitoring (specification, Gantt chart, risk management, deadline compliance).
- **Technical application** : mobilizing scientific and technical knowledge to design, model, or implement a solution (prototype, software, study).
- **Teamwork and collaboration** : collective organization, task distribution, interaction management, and group efficiency.
- **Autonomy and initiative** : documentary research, mastering new tools, ability to make decisions and proactively overcome obstacles.
- **Professional communication** : report writing and oral presentations, justification of technical choices and methodology in a structured and reasoned manner.

PROGRAM

1. **Introduction to project management**
Planning methods, specifications, task breakdown, Gantt chart.
2. **Solution design and development**
Mobilizing scientific and technical knowledge ; modeling, prototyping, or study.
3. **Organization and teamwork**
Responsibility allocation, coordination, progress reviews, risk management.
4. **Autonomy and self-training**
Documentary research, mastering new tools or methods, problem-solving.
5. **Communication and project valorization**
Report writing, logbook maintenance, oral defense, justification of technical choices.

BIBLIOGRAPHY

REQUIREMENTS

- Basic scientific and technical knowledge in the field of specialization.
- Elementary notions of planning (work organization, deadlines).
- Proficiency in office tools (spreadsheet, word processor, presentation software).
- Ability to communicate orally and in writing clearly and in a structured manner.
- Capacity to work in a team and engage in a collaborative approach.