

IDENTIFICATION

Course code : E3BE5EF5
ECTS : 1

DURATION

Lectures : 1
Tutorial classes : 3
Labs : 16
Total : 20

Project :
Personnal work :

ASSESSMENT

Continuous assessments Group work Re-ports

TEACHING MATERIALS

Course materials

LANGUAGE

English

CONTACT

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Modifié le : 3 août 2026

UE : UE5.3-EFFI

COURSE : Project Management

SCOPE OF THE COURSE

OBJECTIVES

The aim of this course is to provide an in-depth understanding of project management, covering its various phases from definition to closure, while emphasizing planning, risk management, team building, and operational monitoring.

COMPETENCE AND SKILLS

Be able to successfully lead a project as a project manager :

- Know how to define and negotiate the project objective.
- Know how to manage a project team.
- Know how to prepare the project (task breakdown, planning, identification of constraints and risks, cost assessment).
- Know how to execute the project (implementation, monitoring and control of risks/quality/costs; communication management; deadline tracking).
- Know how to close a project (delivery, team dismantling management, lessons learned).

PROGRAM

- Definitions (Project management, What is a project?, From idea to project, Characteristics of a project, Some remarks).
- The project management environment (Management, Steering, Planning, Execution, Project management objectives, Difficulties, Most common causes of failure).
- Project preparation

I. Defining the project in broad terms – The project charter

- The project (Brief definition, Essential characteristics, Reasons).
- Objectives (Technical objectives, Deadline objectives, Cost objectives, Objective hierarchy).
- The technique (Main difficulties, Contingency solution).
- The schedule (Brief) Key dates
- Resources (Human, Material).
- Project management (Project manager, Project team).
- Communication (Internal, External with suppliers)

II. Setting up the project team; III. Performing task breakdowns; IV. Identifying constraints and risks; V. Conducting planning; VI. Estimating costs.

- Project execution (implementation and monitoring)

I. Launching actions to start the project; II. Periodically analyzing progress; III. Carrying out necessary syntheses; IV. Applying corrective actions if necessary.

- Project closure

BIBLIOGRAPHY REQUIREMENTS