



GESTION DU PROJET DE RECHERCHE ET INTERDISCIPLINARITÉ

RESEARCH-PROJECT MANAGEMENT

Lecturers: José PENUELAS, Mathieu CREYSSELS

| Lecturers : 10.0 | TC : 0.0 | PW : 0.0 | Autonomy : 0.0 | Study : 21.0 | Project : 0.0 | Language : FR

Objectives

The objective of this course is to train students in the management of the research project and its specificities (Go / No Go). This is done by a real situation on a case study which justifies a need for innovation (evaluation of a technological modification / breakthrough, ...), in an often multidisciplinary context, both at the level of the subject but also methods. Students must provide quantified answers to the problem posed.

Keywords : Innovation, transversality.

Programme

Course on project management and the specificities of R&D projects.
Case study sessions: long case study in groups of 5/6 students.
Mini-colloquium: presentation of case studies.

Learning outcomes

- To be able to lead a R&D project.
- Know how to implement innovation / creativity methods.
- Knowing how to quantify a response (technical gain, cost of implementation, etc.)
- To be able to defend an innovation project.

Independent study

Objectifs : Case study: R&D project.

Méthodes : Supervised case study sessions and personal work.

Core texts

Assessment

Written and oral presentation of case studies (70%), microtest on the course (30%)