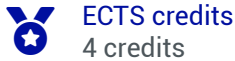


Innovation project 96



ECTS credits
4 credits

In brief

> **Course language:** French

Presentation

Learning objectives

At the end of the course, participants will have an understanding of the strategic and operational activities of innovative project management:

Specifically, participants will be able to:

- Explore, Observe, Investigate to select strategic ideas that will meet a need/use.
- Develop a research strategy, use the appropriate tools to find reliable and relevant information on a specific topic.
- Conduct a literature review or a state of the art on a specific topic
- Reuse information in compliance with academic and ethical requirements (know how to cite and avoid plagiarism, use free licenses)
- Participate in an ideation and structuring phase of ideas in order to define an innovative and realistic idea.
- Develop a project charter and the associated project plan.
- Define the activities, relationships and duration of activities to develop the project timeline.
- Manage project resources (financial, material and human), anticipate and correct project risks.
- Prototype the chosen idea and test it on a first sample of users.
- Monitor the project - progress, results and corrective actions.
- Conclude/terminate a project and ensure appropriate transfer.

Description of the programme

This UE includes 3 modules:

- MOOC: 4 weeks of distance learning on 4 parts: Fundamentals of project management and organization, Essentials for starting a project, Advanced project management tools, Risk management + 2 modules of specialization of your choice
- Information research: Tools and methodology for information research, evaluation of sources, plagiarism, citation rules and writing a bibliography. 4 hours of online self-study and 2 hours of practical work.

- Project: The project starts in October and ends in June. During this project, students will learn to master the methods of exploration, ideation and creativity, the definition and framing of the project, the planning, the organization of the project, the teamwork, the management of the project and its closing. For this, many milestones will have to be passed and many deliverables will have to be produced and validated by the tutors.

Generic central skills and knowledge targeted in the discipline

C1 Scientific and technical innovation: identification of unsatisfied needs, exploration and state of the art of the existing system, proposal of solutions to the problem

C2 Complexity and systems management: complexity resulting from technical solutions, complexity resulting from constraints brought by stakeholders, identification of problems and commitment to their resolution

C3 Program management: technical aspects (needs analysis, design, planning, and project monitoring) with organizational aspects

C4 People management: all aspects of team management

C5 Strategic vision: definition of a localized strategy and control of its operational implementation

How knowledge is tested

Project: Interactions with your tutors (10%) , Mid-term defense (10%) , Intermediate deliverables (10%) , Final deliverables (25%) , End of project report (20%) , Final defense (25%)

Information research (1 MCQ + 1 Documentary file)

Mooc (4 MCQs + Final exam)

Bibliography

Project Management Institute (2009) Guide du corpus des connaissances en management de projet, Project Management Institute, 4ième édition

• Brun, J-P. (2013) Management d'équipe : 7 leviers pour améliorer bien-être et efficacité au travail, Eyrolles, 2ième édition

Teaching team

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- * Benoit Dubost
- * Steve Manny

Sustainable Development Goal



Quality education



Decent work and economic growth



Building Resilient Infrastructure

Total des heures

PJ

96h

96h

Useful info