MAPD_F_MSI460
PROJECT MANAGEMENT

Number of ECTS credits : 3
Course language : English
Course leader : BERNARDIN EMMANUELLE
Speakers : SAMUEL Mark

≡ COURSE DESCRIPTION

This course provides an introduction to Project Management, which is now used not only to manage technical and business developments, but also as a method of organizational change. The course focuses on the implementation of the PMI method, including the definition of project objectives, structuring, risk analysis and planning.

≡ COURSE OBJECTIVES

At the end of this course, the student will be able to develop a project development plan and assess its feasibility. She/He will be able to implement a simple method and adjust it to organizational constraints. The student will also get technical know-how of selected project tools and softwares.

≡ LEARNING OBJECTIVES

C4B learning goal	LG1 - Analysis
C4B learning objective	LO3 - Use cross-disciplinary approaches
Outcomes	Lev. 2 - Select appropriate disciplinary fields to resolve a problem / situation
Details	Project management is essentially a transversal approach involving different managerial aspects. The aim is to adapt the management methods to the organisational context and thus to mobilise different tools.

Non-acquired (< 50% of total score)	Developing (50% ⩾ 60% of total score)	Acquired (60% ⩾ 70% of total score)	Advanced (70% ⩾ 80% of total score)	Expertise (80% ⩾ 100% of total score)
Consistency between the managerial situation and the decisions taken in terms of project preparation, developed in the report.				

≡ TACKLED CONCEPTS

The concepts covered include project management techniques, such as structuring, planning, risk analysis, project monitoring and control.

≡ LEARNING METHODS

The sessions are divided into 2 phases: presentation and discussion of the concepts covered, then implementation through a case study. Project management is by definition a group effort, so the work on the case is team-based.

≡ EXPECTED WORK AND EVALUATION

The group work carried out throughout the course will be consolidated into a project preparation report that will be used to evaluate the continuous assessment part of the course. It will worth 50%
The final exam is a multiple-choice quiz that aims at evaluate student understanding of main concepts and vocabulary. It will worth 50%.

≡ BIBLIOGRAPHY

Bernardin, E (2019) A Human-Centered Approach of Organizational Project Management, Lulu Ed.
direct link: http://www.lulu.com/shop/emmanuelle-marie-bernardin/a-human-centered-approach-of-organizational-project-management/paperback/product-24087944.html

Pinto, J. (2013). Project Management: Achieving Competitive Advantage. 3rd edition. Pearson Education.

☰ EVALUATION METHODS

50 % : Continus Assessment
50 % : Final Exam

☰ SESSIONS

1 Introducing the concepts
BRIEFING : 02h00

Every project starts with an idea. This idea must be developed and refined to establish clear and relevant objectives and demonstrate the feasibility of the project. This entails explaining the nature and need for projects and presenting different approaches for conducting projects.

2 Project definition
BRIEFING : 02h00

Defining a project means preparing the project scope. In that respect, this session focuses on presenting the different components of the project scope to be able to initiate a project, accouting for quality, time, and cost.

3 Project preparation
COMPUTER LAB : 02h00

This session explains the structure of a project and highlights prominent decomposition techniques in terms of deliverables, activity durations, and resource allocation among others.

4 Project planning
BRIEFING : 02h00

Project planning is often carried out using software but these tools are often misused due to a lack of understanding of the method. This session explains the concepts of Gantt and task networking and introduces different tools to help facilitate the planning process.

5 Risks management
BRIEFING : 02h00

This session discusses qualitative and quantitative risk management.

6 Project budgeting
BRIEFING : 02h00

This sessions discusses the cost estimation process and details project budgeting and cost control

7 Key stakeholders
BRIEFING : 02h00

Every project has a number of stakeholders who contribute to its success. A key stakeholder in this regard is the project manager/leader. This session mainly discusses the leadership traits and key roles of the project leader as well as the project team to deliver a successful project.

8 Presentation of projects
BRIEFING : 02h00

Following the progressive work of the last 7 sessions, the final team report is submitted and students are required to present their work briefly (e.g. ppt) during this session.