

## Syllabus – Elective Course

Course title:

**Project Management in Europe**

Credits:

4 ECTS credits

Teaching language:

English

Target students:

Undergraduate students from all study areas with an interest in studying concrete cases on how to manage a project.

Teacher in charge of the course:

Philippe Vandeville, MSc (ISEN Engineering School, *Université Catholique de Lille*)

### COURSE PRESENTATION

Prerequisite:

To take this course, the students should have successfully completed at least 2 semesters of university study and have a solid technical background and/or ability. They must have some ability to work as a group and be able to communicate easily in English. The course is aimed at a mix of profiles and interests for a more diverse project management experience; there is no specific course prerequisite.

Content:

The course is highly interactive and will provide students with some methodological and practical tools to manage a project during their future careers. Students come from all over the world and form different programs in their home universities. This is one of the big strengths of this course as students will be exposed to other cultures and techniques in fields ranging from engineering and science to management and communication.

As a consequence, before the course, students will fill in a questionnaire so that the content is adapted to their previous background and experiences.

Course sessions will include:

- Project and Project Management: definitions and characteristics.
- Breaking down a project into stages (WBS)
- Scheduling (Scheduling software)
- Cost budgeting and Cost control (basis)
- Project manager competencies and skills



- Team building
- Risks & Opportunities
- Good rules in Project Management
- Functional analysis: Horned Beast and Octopus methods for design and innovation
- Project Communication
- Quality methods: Issue solving
- Take stock of a project & Presentation of a project for a group
- The project will provide a practical approach to doing business in Europe
- Wrap-up and evaluation

#### Learning Outcomes:

By the end of the course, the students should be able to:

- understand the methodology of Project Management as well as various aspects and specificities of team building
- utilize the main tools in Project Management, including Clarification Note, WBS, Schedule, Budget, Risks & Opportunities Analysis, Communication Plan
- organize themselves efficiently, implementing the Methodology and those main tools, to develop a project

#### **WORKLOAD**

*French contact hours = 60 minutes (in some countries/institutions, 1 contact hour = 45-50 minutes)*

<b>Form:</b>	<b>Number of hours</b>	<b>Comments</b>
Face-to-face, in-class, on-site learning	24 hours	8 sessions of 3 hours
Additional field trips		
Approximate personal work / homework	9 hours	
Student total workload	33 hours	

#### **EDUCATIONAL METHODS**

Interactive lecture, discussion, presentations, sharing of experiences, group work, guided visit, on-site education

#### **RESOURCES**

All course materials will be supplied in class.

References may be made to the following resources:

Project Management, Harold Kerzner

Project Management for dummies, Stanley E. Portny

Manuel de Gestion de projet, Philippe Vandeville (parts of it will be supplied to students in English)



## ASSESSMENT

Form	Number	Comments
<b>Intermediate exam</b> (20%)	1	In the middle of the course period: Individual exam including <ul style="list-style-type: none"> <li>• course questions</li> <li>• study case</li> </ul> (2 hours)
<b>Final exam</b> (10%)	1	<b>Final Multiple Choice Questions</b> (0.5 hours)
<b>Final project</b> (50%)	1	<b>At the start of the course</b> , students receive some instructions about a project that they have to prepare during the course. They have to group with other students and define roles between themselves. <b>At the end of the course</b> , they will present their project results to a jury composed of the teacher (see above), other faculty members of the partner school as well staff members of partner universities. The jury will assess the results in comparison with the initial assessment but also with the other groups of the class. Quality of the project, thorough thinking on the study case and quality of the presentation will be taken into account for the grading.
<b>Others (student participation...)</b> (20%)		Attendance, participation, and contribution to group discussion

*This syllabus is based on information available at the time of publication (October 2023). Changes may occur.*

*For updated information about course content, please contact us: [lilleprograms@univ-catholille.fr](mailto:lilleprograms@univ-catholille.fr)*