

OIBUSX01 (S1) & OIBUSY01 (S2) – Management Information System

Lecturer: Pierre LANIRAY & Anouck ADROT

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Department: International affairs

Semester: 1 and 2

Course level: L3 Undergraduate / Graduate

Domain: Business

Teaching language: English

Number of in-class hours: 16h30

Number of course sessions: 10 + Exam

ECTS: 3

Course description and objectives

This course will provide a general and practical overview of the issue of managing information systems in contemporary organizations. The course helps students analyze information systems problematics by using a multi-focal perspective on IS issues, focusing on information, technological and organizational dimensions of all IT projects. In order to do so, students will have to deal with a detailed case study, which they will have to solve in group and in 12 weeks, thanks to a sequence of activities. These activities are mostly carried out online, the in-class hours being dedicated to answering students' questions and framing their work.

Prerequisites

There are no formal prerequisites. General culture on how organizations operate is welcome.

Learning outcomes

At the end of the course, students will be able to

- Identify, model and improve business processes
- Analyze the informational dimensions of an organizations (information flux, information quality, information processing)
- Analyze the technological dimensions of an organization (technological constraints related to software, hardware, network and database issues)
- Analyze the organizational dimensions of the IT project (identify key stakeholders, describe organizational culture, find key leverages for change management)
- Formulate a plan of action for the project scope (features, business process changes, use cases)
- Formulate a plan of action for project management (communication plan, implementation plan)

The course will also provide students with elements of IT culture relevant for future managers involved in IT Projects.

Assignments and grading

- Weekly activities are required from each student, conducted in group. These assignments are graded by peers. Consequently, one of the weekly assignments is the grading of another groups' assignment.
- At Week 6, students deliver a first version of the need's analysis. This first deliverable is defended in front of a teacher, acting as senior consultant (20 %)
- At week 12, students deliver the final version of the functional specifications (40 %). This deliverable is defended in front of a panel of teachers, acting as the client company. The defense is attributed a grade (40 %).

The numerical grade distribution will dictate the final grade. The passing grade for a course is 10/20.

Class participation: Active class participation – this is what makes classes lively and instructive. Come on time and prepared. Class participation is based on quality of comments, not quantity.

Exam policy: In the exam, students will not be allowed to bring any document (except if allowed by the lecturer). Unexcused absences from exams or failure to submit cases will result in zero grades in the calculation of numerical averages. Exams are collected at the end of examination periods.

Course structure

Session	Topic
1	Introduction to MIS
2	Business Process Modeling
3	Business Process Reengineering
4	Informational Analysis
5	Technological Analysis
6	Organisational Analysis
7	Needs Analysis
8	Change Management in IT projects
9	Risk Management in IT Projects
10	Privacy related issues in IT Projects
11	Defense

Bibliography

No bibliography

Lecturer's biography

Pierre Laniray is a lecturer and researcher in management science and organisational theory at Dauphine PSL (Paris, France). His research focuses on the digitisation of work practices and the influence of this phenomenon on the construction, consolidation and evolution of professional identities. He is a member of the Research Group on Collaborative Spaces(RGCS), which deals with collaborative communities and movements in relation to new work practices (i.e. pluriactives, nomadic workers, teleworkers, intrapreneurs, etc.).

Moodle

This course is on Moodle: **Yes**

Academic integrity

Be aware of the rules in Université Paris Dauphine about plagiarism and cheating during exams. All work turned in for this course must be your own work, or that of your own group. Working as part of a group implies that you are an active participant and fully contributed to the output produced by that group.