2021_S01_KBA_B2_MIS_0001_E_L_BOD

MANAGEMENT INFORMATION SYSTEMS

3rd Semester 2020-2021

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PERMANENCE	Friday afternoon, on appointment

CONTROLES	DATE	POIDS
Continuous assessment	Due for the 5th lectures (duration 1h30)	40 %
Final Exam	Due for the 10th lectures (duration 3h)	60 %

INTRODUCTION AND OBJECTIVES

Course goals and objectives

- Modeling the firm's process.

- Understand the firm's data structure.

- Understand the different components of an information systems.

- Understand the relationships between information systems and the overall strategy.

Course contribution to the programme learning goals

Tools and methods presented in this course allow the modelling of processes, and the use of a database to extract relevant information for decision-making, and participate to value creation via information systems.

The LEARNING GOALS of this course are the following:

- KB1. Understanding Management Foundations and Techniques: this course is part of the fundamental bases to use efficiently a database and organize data. It also enables to understand how information technologies are supporting all the firm's functions and how to link them to the strategy.

Course contribution to the application of a critical mind

This course allows students to choose the technologies that contribute to the performance of the firm, and also to have a critical advice about these technologies and see whether they are conducive to value creation.

Course content

The course is made of two parts:
- Processes modelling, relational databases design and queries (with ACCESS).
- Description of information systems and their components, computer-aided decision systems, information systems performance and security.

MATERIAL

Supports

A digital course is provided in POWER POINT and PDF. All necessary data files for cases and exercises are also provided in Word or PDF format. These documents are comprehensive. To go futher, references are provided.

(see below)

Reference readings

Management Information Systems, Global Edition Kenneth Laudon Jane P. Laudon

Management des systèmes d'information DSCG UE 5 Edition Foucher SUP'FOUCHER de P. GERMAK et J.P. MARCA

ADDITIONAL READINGS

References List

References in bold are available at the Ruche.

1. Berland N. (2004), « Mesurer et piloter la performance », Editions de la performance, PriceWaterhouseCoopers.
2. Berland N. (2008), « On ne gère bien que ce que l'on mesure », en collaboration avec samuel sponem et catherine kuzla, in anne pezet et samuel sponem, *Petit bréviaire des idées reçues en management*, La Découverte, p. 159-168.
3. Kaplan R.S., Norton D.P. (1996), *The balanced scorecard : translating strategy into action*, Harvard Business School Press, Boston.
4. Expression des besoins pour le SI, Guide d'élaboration du cahier des charges, De Yves Constantinidis avec la contribution de Michel Vole Edition Eyrolles
5. Manuel de référence de Microsoft ACCESS

Electronic resources

- www.**cigref**.fr/

- https://www.**clusif**.asso.fr/

- www.ssi.gouv.fr/

- www.isaca.org/chapters6/paris/pages/default.aspx

- www.isaca.org/**cobit**/

PLAN ET DATE DE COURS

NB: Lors du COVID-19 soit la section est en distantiel synchrone ou la demi-section en présenciel et l'autre en distanciel synchone (voir planning)

DATE	THEME	READINGS AND PRELIMINARY WORKS	READINGS AND PRELIMINARY WORKS
1&2	**Processes modelling** - Diagram actors –flux - Graph of flux - Process modelling - Exercises: Distribution Electronic goods store case		
3&4	**Applications** *Resolution of cases 2 et 3*	Reading of cases 2 and 3	
5&6	**Databases with ACCESS** Normalisation Creation of a database with ACCESS *Queries : realisation of the first 8 queries*		
7&8	**Databases with ACCESS** SELECTION queries (queries 9 to 28)	Preparation of queries 9 to 28	

DATE	THEME	READINGS AND PRELIMINARY WORKS	READINGS AND PRELIMINARY WORKS
9&10	**Data bases with ACCESS** Suppression, modification and add queries **Assessed collective work (exam: 1h30)**	Revision of queries 1 to 28	
11&12	**Information systems** Introduction Definitions Components of an IS	Reading lecture 6	
13&14	**Information systems** Links: IS strategy, IS processes and IS organization Organization of the IS function IS governance *UPS case*	Reading lecture 7, Read the UPS case	
15&16	**Information systems** Case correction IS governance continued MS case IS Performance	Reading lecture 8, reading MS case	
17&18	**Information systems** ERP SI Security Review	Reading lecture 9	
19&20	**Exam (3h)**		Reading of revision exercises

TEACHING METHOD

Advices

The teaching of the modeling techniques will be mostly based on practical cases. The student can use his/her own machine if s/he has the ACCESS software installed during lectures 3 to 5. The course favors a smooth progression as the student learns regularly.

Assessment

An exam with a weight of 40% and a final exam weighted 60%. Neither document nor calculator are allowed during exams. We assess the student's understanding of the various concepts and his/her ability to choose an appropriate technology in a working context.

Softwares

Students will use the ACCESS software installed on their PCs or in classroom.

ASSESSMENT OF STUDENTS

The assessment focuses the understanding of concepts and the ability to choose relevant technologies in a given business context.

Exams	
Continuous assessment: Queries project (pairwork)	40%
Final exam (individual)	60 %
TOTAL	**100 %**

Methodes used to assess students' performance

Continuous Assessement (pairwork on computer): 40%

Evaluation criteria	Rate
Relevant choice of the tables (Good understanding of the database structure)	25%
Good choice of the data to extract	25%
Correctness of calculations and accuracy of treatments	25%
A good display of the scoreboard result	25%

Final Exam (individual, written assessment)

Written assessment in class. A case study that can include course questions.

During these assessments, stress must be put on *explanations*. Choices of technologies and solutions.

Marks

Appropriation of the course: good use of concepts, techniques and tools	30%
Good identification of flows related to actors	15%
Implementation of process treatments	15%
Respect for formalism and methods taught	10%
Good understanding of the case	10%
Recommendation of solutions adapted to the situation of the company	10%
Mobilization of knowledge of the course through the case	10%

Coordinator

Saïd SEFIANI has been teaching in the Operations Management and Information Systems Department at Kedge Business School since September 1991. He is a founder of an IT services company (since 2001), which pilots IS projects and develops software in management (regional and national businesses), business schools. He is involved in information systems modules and applied mathematics in traditional and continuing education at Bachelor, Master and Executive levels

ACADEMIC FRAUD

Definition

Academic fraud is a breach of ethics.

"Is achieved using unfair means or deception, to obtain material or undue moral advantage, or with the intent to avoid the enforcement of laws". (Translated from the original source: Dictionnaire Juridique des Lois, 2010, available at: www.dictionnairejuridique.com/definition/fraude/php)

Plagiarism consists of attributing authorship by (partial or total) copying, imitation or misappropriation.

The act of fraud is committed by one or more students/participants when they:

- appropriate written or oral work to themselves when they are not the author (in whole or in part) of the work, by omitting any references or quotations to the author or to the owner of the work;
- present any data that has been falsified or invented in any way;
- use the identity of the author, attributing the contents of and/or a resource to him/her, but without explicitly mentioning that they are not the author;
- appropriate the creative work of someone else and present it as their own;
- acquire exerts of texts, images, results etc. from external sources by including them in their own work without mentioning the origins of the exerts;
- summarise the original idea of an author by expressing it in their own words but omit quoting the source;
- cheat in an academic evaluation.

Plagiarism can occur in:

- an academic article or book;
- an exercise or a case study;
- a study or a report;
- a dissertation or a thesis;
- any document of which the student/participant is not, but purports to be the author.

Sanctions

Any student/participant having committed academic fraud, or having participated in it, will be sanctioned by the professor in charge of the course. The professor can apply 1st and 2nd level sanctions (detailed below). The professor will send a copy of the sanction to the student's/participant's programme. The student/participant will be informed/and or convoked by the programme director (or his/her representative) to a hearing prior to the possible convening of the Kedge Business School Disciplinary Council. In the case of a hearing of the Disciplinary Council, they can decide to apply 3rd and 4th level of sanctions.

Any student/participant guilty of academic fraud will receive one of the following sanctions:

- Applied by the professor in charge of the course, Kedge Business School faculty member (1st and 2nd level):

    o A grade of zero for the work concerned and a formal warning;

    o o A grade of zero for the course or module concerned and a formal warning.

- Applied by Kedge Business School's Disciplinary Council (3rd and 4th level):

    o Suspension from the programme for one or two semesters;

    o Exclusion from the programme.

N.B.: Plagiarism within a partner institution can result in these sanctions being applied by Kedge Business School, notwithstanding partner's decision.