

**COURSE OUTLINE / FICHE PEDAGOGIQUE – 04/11/2009**

<b>DESCRIPTION OF COURSE / DESCRIPTION DU MODULE</b>	
COURSE TITLE/INTITULE : <b>IS in a business environment</b>	CODE : MEMLFI2805 YEAR/ANNEE : 2009/2010
CONTENTS/CONTENU : This course presents information systems in business organisations : roles, components, variety of usage and potential issues . <ul style="list-style-type: none"> <li>▪ IT/IS is pervasive, global and unavoidable today</li> <li>▪ IT/IS is a major tool for information recording, manipulation and transmission in organisations</li> <li>▪ Examples</li> <li>▪ Key success factor : the right information at the right moment to the right person in a usable and legible format.</li> <li>▪ Truisms :               <ul style="list-style-type: none"> <li>▪ The computer never lies (but it can be wrong).</li> <li>▪ GIGO (garbage in, garbage out)</li> <li>▪ The computer is not intelligent.</li> <li>▪ Murphy's Law.</li> </ul> </li> </ul>	
SKILL TARGETED/COMPETENCES VISEES : Distinction between IT and IS Get a feel of what a good IS is. Understand IS delivery in today's global economy Understand the role, use and risks linked to IS	
DEPARTMENT/DEPARTEMENT FOURNISSEUR: ECONOMIE FINANCE AUDIT	
RESPONSIBLE PROFESSOR/RESPONSABLE PEDAGOGIQUE : S. Rmadi	OFFICE/BUREAU :364
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<b>POSITION OF THE COURSE IN THE PROGRAM / POSITIONNEMENT DU MODULE DANS LE PROGRAMME</b>	
SCHOOL/ECOLE : EMLV	YEAR/ANNEE : 4
PROGRAM/PROGRAMME :EMLV	SEMESTRE : 8
TRACK-MAJOR/OPTION :Finance Audit	
UNITE D'ENSEIGNEMENT : Finance Audit	
CREDITS ECTS :2	

<b>LENGTH OF COURSE / DUREE</b>				
TOTAL HOURS / TOTAL FACE A FACE: 17h30	CM : 2h30	CA :15h00	TD :	TP :
TOTAL EVALUATION : 3h15	CC : 1h15	EXAM / EXAMEN : 2h00	PRESENTATION / SOUTENANCE	

<b>DETAILED DESCRIPTION OF COURSE / DESCRIPTIF DETAILLE DU MODULE</b>
LANGUAGE OF COURSE / LANGUE D'ENSEIGNEMENT : Anglais
PREREQUISITES / PREREQUIS : Les cours de 3 <sup>e</sup> année
LEARNING OBJECTIVES / OBJECTIFS PEDAGOGIQUES :  The purpose of this course is to ensure students understand the distinction between IT and IS, get a feel of what a good Information system is. It also presents the main stages of IS life-cycle as well as how IS are delivered in today's global economy. It aims at giving the students the necessary background to understand the role, use and risks linked to IS and enable a clear dialog between them as future IS users and their IT/IS colleagues or providers.

<p><b>TEACHING METHOD / METHODE PEDAGOGIQUE</b>                  Lectures and discussions based on IS journal news real.                  Students will be expected to read case studies relative to the lectures subjects prior to the course.</p>
<p><b>EVALUATION METHOD / MODALITES D'EVALUATION :</b>                  Contrôle continu : 40 % Examen final 60 %</p>
<p><b>BIBLIOGRAPHY / BIBLIOGRAPHIE :</b>                  tbd</p>

<b>DEROULEMENT DU MODULE</b>						
N° SEANCE	DUREE	TYPE COURS	TRAVAIL PERSONNEL	THEMES (obligatoire si CC)	LOGISTIQUE DU COURS	INTERVENANT(S) Si impact sur planif
1	2h30	CM		Presentation of the course and its objectives.  What is a Management Information System ? System dimensions : Technical/ Human, Information  What is information : Data model – conceptual data model / data format, Treatment model – conceptual treatment model / batch and Transaction processing - Data storage – data manipulations. User/system interfaces	Amphi	
2	1h15	CA	2h00	From data to useful information (right information – right moment – right person) - Context / content / process model to define the « useful » information - Management information,	Salle équipée	
3	1h15	CA		IS Key Success Factors: quality, availability, robustness, accuracy, detail level, usability, communication and sharing aspects (deduced from CCO model).	Salle équipée	
4	1h15	CA	2h00	Information systems Life-cycle phases, details and KFS for each phase. Introduction to functional architecture and IS strategic planning	Salle équipée	
5	1h15	CA		Fundamentals of IS design. Maintenance and CBN. Contractual elements linked to information systems production.	Salle équipée	
6	1h15	CA		Types of IS in the business environment. From production NCA to EIS systems. IS 4-tier delivery model.	Salle équipée	
7	1h15	CA	2h00	Impact on organizations, globalization and resources pools. New jobs for new roles for new IS management systems and architecture	Salle équipée	
8	1h15	CA		Evaluation of information Systems within an organization. Who, what and How. Metrics. Methods. Auditability. Quality checks – SOX. Process and procedure control points and traceability. ISO.	Salle équipée	
9	1h15	CA		How to approach an IS project. PM basics.	Salle équipée	
10	1h15	CA		Consulting in IS & organization, an introduction. Case study, methodology, through examples.	Salle équipée	

11	1h15	CA		Individual Case Study- Control	Amphi	
12	1h15	CA		Ethical and legal issues raised by the « information age ». Legal and ethical aspects of IS usage Impact of IS on individuals, society, law, citizens, culture or countries	Salle équipée	