COURSE OUTLINE

COURSE TITLE	**END-USER COMPUTING**	

YEAR OF STUDY	1	SEMESTER	2	COURSE STATUS (C-COMPULSORY/O-OPTIONAL/E-ELECTIVE)	C

NUMBER OF HOURS PER WEEK				TOTAL NUMBER OF HOURS PER SEMESTER	TOTAL NUMBER OF SELF-STUDY HOURS	CREDITS	TYPE OF ASSESSMENT (MT-MID-TERM, O-ORAL EXAM, M-MIXED)	LANGUAGE OF TEACHING
C	S	L	Pr.					
2		2		150	94	5	M	EN

COURSE COORDINATOR	ACADEMIC TITLE, FIRST NAME, LAST NAME	DEPARTMENT
	Lect.PhD. Florin Sîrbu	Economics Quantitative Analysis and Information Systems

PREREQUISITE COURSES	IT for Businesses

COURSE OBJECTIVES	Main objective: Knowledge of the main business software tools; Skills and abilities of efficient use of business software tools.
	SPECIFIC OBJECTIVES: <u>KNOWLEDGE</u>, <u>ABILITIES</u> AND/OR <u>COMPETENCIES</u> i) <u>Cognitive competencies</u> (*knowledge*) Knowledge of software tools usable in the economic activity: spreadsheets, databases, query languages. ii) <u>Functional competencies</u> (abilities and competencies: applying knowledge to a particular context) Acquiring the ability to efficiently use the business software tools. iii) <u>Personal competencies</u> Acquiring the ability to work in a team. iv) <u>General competencies</u> The development of the IT culture specific to the knowledge society. Familiarization with the new corporate IT arhitectures.

COURSE OUTLINE	NAME OF CHAPTER/ TOPIC	No. of hours
	BASICS OF SOFTWARE TOOLS; DATA STRUCTURES AND PROCESSES; SPREADSHEETS (EXCEL); THE RELATIONAL MODEL; DATABASE MANAGEMENT SYSTEMS (ACCESS); DATABASE QUERY LANGUAGES (SQL).	

SEMINAR/LAB TOPICS	Algorithms and data structures; Application models in spreadsheets(Excel); Creation and use of the databases (Access); Database queries in Access (SQL)

TEACHING METHODS	Interactive course, practical controlled work

BIBLIOGRAPHY	1. Airinei, D., Filip, M., Grama, A., Fotache, M., Dumitriu, F., Ţugui, A., Georgescu, M., Instrumente software pentru afaceri, Editura Sedcom Libris, Iaşi, 2007. 2. Airinei, D., Filip, M., Grama, A., Fotache, M., Dumitriu, F., Ţugui, A., Georgescu, M., Instrumente software pentru afaceri. Teste grila, Editura Sedcom Libris, Iaşi, 2007. 3. Airinei, D. Dospinescu, O., Genete, D., Popescul, D., Strimbei, C., Cretu, L., Greavu-Serban, V., Homocianu, D., Pavaloaia, D., Modele de aplicaţii practice în Microsoft Excel şi Microsoft Access, Editura Sedcom Libris, Iaşi, 2007. 4. Oprea, D., Airinei, D., Fotache, M. (coordonatori), Sisteme informaţionale perntru afaceri, Editura Polirom, Iaşi, 2002.

ASSESSMENT	TERMS	Minimum 5.00 at the final written exam; Minimum 5.00 at practical exam.
	CRITERIA	
	TYPES	Practical exam, written exam, unannounced tests
	FINAL GRADE FORMULA	Range evaluation * 0,5 + Final written exam * 0,5