

## COURSE OUTLINE

COURSE TITLE		<b>ENTERPRISE RESOURCE PLANNING</b>				CODE:
YEAR OF STUDY	SEMESTER	<b>1</b>	COURSE STATUS (C-COMPULSORY/O-OPTIONAL/E-ELECTIVE)			<b>C</b>
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		6	M	EN
COURSE COORDINATOR	ACADEMIC TITLE, FIRST NAME, LAST NAME			DEPARTMENT		
	LECTURER DANIEL PĂVĂLOAIA			Economics, Quantitative Analysis and Information Systems		
PREREQUISITE COURSES	<ol style="list-style-type: none"> <li>1. Information System's Analysis and Design</li> <li>2. Database</li> </ol>					
COURSE OBJECTIVES	<p>Main objective:</p> <p>The students will acquire general information about the Integrated Information Systems, known as ERP; will learn about the decision and selection process of ERP products, based on a good knowledge of the market; will gain strong abilities related to the ERP adoption projects, the management of ERP projects and implementation methodologies, there will be held general discussions on organizational transformations generated by the information redesign of the enterprise information integration.</p> <p>SPECIFIC OBJECTIVES: <u>KNOWLEDGE</u>, <u>ABILITIES</u> AND/OR <u>COMPETENCIES</u></p> <ol style="list-style-type: none"> <li>i) <u>Cognitive competencies (knowledge)</u> Understanding of integrated business environments and technologies which underlie their architecture. The discovery of the possibilities of architecture rethought information through implementing the Integrated Information Systems (ERP).</li> <li>ii) <u>Functional competencies (abilities and competencies: applying knowledge to a particular context)</u></li> <li>iii) <u>Personal competencies</u> Abilities and practical skills on the exploitation of ERP systems.</li> <li>iv) <u>General competencies</u> The development of specific knowledge/expertise required for an ERP consultant.</li> </ol>					
COURSE OUTLINE	<p><b>Definition and evolution of Enterprise Resource Planning:</b> ERP - the emergence and evolution ; Enterprise and ERP systems; Functional modules; Worldwide market; The new generation of ERP systems; The integrated technologies of the XXI century; <b>Implementation of integrated systems:</b> the decision of ERP adoption; Motivations; The structure of an ERP project; The phases and activities; The selection process of ERP systems; Implementation strategies; Transition ERP strategies; Implementation methodologies; <b>ERP impact on organizational environment:</b> Organizational transformations; technological optimizations; cultural and professional transformations; organizational learning; <b>Enterprise Resource Planning and E-business:</b> The extend of ERP systems to E-business; Customer Relationship Management; evolution and application taxonomy; international market; CRM applications in Romania; Supply Chain Management; Evolution of SCM applications; Supply chain and SCM technologies; Application taxonomy; SCM market; Outsourcing option: From IT to BPO; Motivations and outsourcing alternatives/options; Business Process Outsourcing – Strategic decision; Outsourcing market.</p>					
SEMINAR/LAB TOPICS	<p>Team work on integrated platforms: Navision (Microsoft), SAP (The Red Point). Application's simulation and projects development on different ERP functional modules. Throughout the labs it is intended to allow the students to understand the environment and modules, as well as to generate specific proposals for improvement of the various modules, by highlighting the strengths and weaknesses and by analogies with the real situations encountered in practice.</p>					

TEACHING METHODS	Interactive lectures, invited lectures held by the ERP market specialists (The Red Point Iasi – SAP Partner).	
BIBLIOGRAPHY	<p>Anderegg, T., ERP: A-Z Implementer's Guide for Success, Resource Publishing, 2000</p> <p>Fotache, D., Hurbean, L., Soluții informatice integrate pentru gestiunea afacerilor – ERP, Editura Economica, București, 2004</p> <p>Hossain, L., Patrick, J.D., Rashid, M.A., Enterprise Resource Planning: global opportunities and challenges, Idea Group Publishing, 2002</p> <p>Myerson, J., Enterprise Systems Integration, Auerbach Publications, 2002</p> <p>O'Leary, D.E., Enterprise Resource Planning Systems, Cambridge University Press, 2000</p>	
ASSESSMENT	TERMS	
	CRITERIA	
	TYPES	Written exam 50% + Project developed through a comparative analysis of a module of two platforms (50%)
	FINAL GRADE FORMULA	50% * project evaluation + 50% * final written exam