DEREE COLLEGE SYLLABUS FOR: CS 4461 TECHNOLOGY INNOVATION AND ENTREPRENEURSHIP	
(Fall 2016)	**UK LEVEL: 6** **UK CREDITS: 15** **US CREDITS: 3/0/3**
PREREQUISITES:	CS 1070 Computer Information Systems CS 2179 Business Information Systems PH 2005 Business Ethics CS 3247 Information Systems for Decision Making
CATALOG DESCRIPTION:	Focus on both process and context of entrepreneurial activity in the Information and Communication Technology industry. Extensive analysis of operation; organization and management of entrepreneurial activity; frameworks and theories of Innovation.
RATIONALE:	The module provides students with the core theory of Entrepreneurship and Innovation given that they are the source of sustainable competitive advantage for firms. It analyzes the role of entrepreneurship, including corporate entrepreneurship (or intrapreneurship), in ICT industry. Students are introduced to the steps involved in the entrepreneurial process and analyze the influence of the external environment on entrepreneurial activity. Students further acquire the skills and techniques to develop a quality business plan for a new digital venture.
LEARNING OUTCOMES:	As a result of taking this course, the student should be able to: 1. Analyze theories and frameworks in entrepreneurship and in managing technological innovations in support of business processes. 2. Implement innovation processes and structures and develop a business plan to integrate the knowledge of managerial functions.
METHOD OF TEACHING AND LEARNING:	In congruence with the teaching and learning strategy of the college, the following tools are used: • Class lectures, interactive learning (class discussions, group work) and practical problems solved in class. • Case studies and primary source documents are assigned as homework, the discussion and analysis of which, are reviewed in class. • Office hours: students are encouraged to make full use of the office hours of their instructor, where they can ask questions, see their exam paper, and/or go over lecture material. • Use of Blackboard CMS, where instructors post lecture notes, assignments instructions, timely announcements, as well as additional resources.
ASSESSMENT:	**Summative**: | Midterm Examination (1 hour)	30
Research Project: Literature Review / Business Plan Development (2500-3000 words)	70
	| **Formative:** | Case studies	0
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	The formative assessment prepares students for the summative assessments. The midterm examination tests Learning Outcomes 1. The project tests Learning Outcome 1-2.
READING LIST:	Melissa A. Schilling, Strategic Management of Technological Innovation, 3rd Edition, 2009, MCGraw-Hill.
RECOMMENDED MATERIAL:	A. BOOKS Managing Innovation: Integrating Technological, Market and Organizational Change, John Wiley and Sons, 2013 e-book version. B. ARTICLES Nagji, B. and Tuff, G. (2012), "Managing your Innovation Portfolio", Harvard Business
COMMUNICATION REQUIREMENTS:	Individual project submitted in Word. Project presented orally using PowerPoint. Use of proper English, both oral and written
SOFTWARE REQUIREMENTS:	Blackboard, MS Office
WWW RESOURCES:	http://www.entrepreneur.com/businessplan/index.html http://www.business.qld.gov.au/industry/ict/starting-ict-business http://www.reportlinker.com http://www.startupgreece.gov.gr/sites/default/files/Exploring%20ICT%20market%20in%20Greece.pdf
INDICATIVE CONTENT:	1. ICT entrepreneurship 2. Entrepreneurship and digital development 3. The process of entrepreneurship 4. Entrepreneurs 5. Corporate entrepreneurship 6. Environment for enterprise 7. Exploring business opportunities in ICT 8. Trends in the ICT industry 9. Creativity and innovation in ICT 10. Finance, business planning and entrepreneurship 11. Operation and management of entrepreneurial organizations 12. Strategy and entrepreneurship 13. Innovation Theories 14. Frameworks for Innovation 15. Case examples 16. Entrepreneurship: An overview