

Course unit title:	Fundamentals of Information Systems
Course unit code:	CSW101
Type of course unit: (Compulsory/optional)	Compulsory
Level of course unit: (First, second or third cycle)	Bachelor (1st cycle)
Year of study:	1
Semester when the unit is delivered:	1
Number of ECTS credits allocated:	6
Name of lecturer(s):	TBA
Learning outcomes of the course unit:	
<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Recognize the roles of information systems in supporting the structures and processes; the management; and the strategic success of organizations • Explain the major components of the information technology infrastructure of an organization: hardware and software; data resources; telecommunications and networks; and the Internet • Solve managerial problems with the use of IT tools • Differentiate knowledge management and describe how knowledge management supports organizational decision-making and affects strategic success • Evaluate key issues of Information Systems, including security and control and global systems issues 	
Mode of delivery:	Face-to-face
Prerequisites and co-requisites:	None
Recommended optional program components:	None
<p>Course contents:</p> <p>Objective: To provide a comprehensive understanding of current Information Systems, their uses and tools that will assist in the decision making process; to know the relationship of information systems and organizational level and understand their role in management and decision making; to understand the goals and applications of personal, workgroup and enterprise information systems, their components and the proper role for business professionals in their development.</p> <p>Description: Part I: INFORMATION SYSTEMS IN PERSPECTIVE.</p>	

<p>An Introduction to Information Systems in Organizations.</p> <p>Part II: TECHNOLOGY. Hardware and Software. Database Systems and Business Intelligence. Telecommunications, the Internet, Intranets, and Extranets.</p> <p>Part III: BUSINESS INFORMATION SYSTEMS. Electronic and Mobile Commerce and Enterprise Systems. Information and Decision Support Systems. Knowledge Management and Specialized Information Systems.</p> <p>Part IV: SYSTEMS DEVELOPMENT AND SOCIAL ISSUES. Systems Development.</p> <p>Part V: INFORMATION SYSTEMS IN BUSINESS AND SOCIETY. The Personal and Social Impact of Computers.</p>							
<p>Recommended or required reading:</p>	<p>R. Stair & G. Reynolds, Fundamentals of Information Systems, , Course Technology, 2013</p> <p>K. C. Laudon & J. P. Laudon, Management Information Systems, Prentice Hall, 2013</p>						
<p>Planned learning activities and teaching methods:</p>	<table border="1"> <tr> <td>Class Instruction:</td> <td>42 Hours</td> </tr> <tr> <td>Consultation:</td> <td>30 Hours</td> </tr> </table>	Class Instruction:	42 Hours	Consultation:	30 Hours		
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<p>Assessment methods and criteria:</p>	<table border="1"> <tr> <td>Examinations</td> <td>75%</td> </tr> <tr> <td>Class Participation/Assignments</td> <td>25%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </table>	Examinations	75%	Class Participation/Assignments	25%		100%
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	100%						
<p>Language of instruction:</p>	<p>English</p>						
<p>Work placement(s):</p>	<p>No</p>						
<p>Place of Teaching:</p>	<p>Regular Classroom European University Cyprus, Nicosia</p> <p>Computer Laboratory European University Cyprus, Nicosia</p>						