

Course unit title:	Principles of Information Management Systems
Course unit code:	CSW201
Type of course unit: (Compulsory/optional)	Optional
Level of course unit: (First, second or third cycle)	Bachelor (1st cycle)
Year of study:	2
Semester when the unit is delivered:	3 or 4
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"> • Recall and categorize information systems and their components • Recognize and explain the various categorizations for computer hardware and software • Explain and exemplify database management systems. • Identify, categorize and recall information management systems for enterprise, e-commerce and decision making. • Design and formulate IT strategies and solutions. • Identify and describe security and ethical challenges in IT • Recall practices in enterprise and global IT management 	
Mode of delivery:	Face-to-face
Prerequisites and co-requisites:	CSW101
Recommended optional program components:	None
Course contents:	
<p>Objective: The course aims to provide students with knowledge of systems relating to information management, e-commerce and enterprise-level systems; to help students learn how to use and manage information technologies to revitalize business processes; to improve business decision making, and gain competitive advantage.</p> <p>Description: 1 Foundations of Information Systems in Business</p>	

Section I: Foundation Concepts: Information Systems in Business

Section II: Foundation Concepts: The Components of Information Systems

2 Competing with Information Technology

Section I: Fundamentals of Strategic Advantage

Section II: Using Information Technology for Strategic Advantage

3 Computer Hardware

Section I: Computer Systems: End User and Enterprise Computing

Section II: Computer Peripherals: Input, Output, and Storage Technologies

4 Computer Software

Section I: Application Software: End-User Applications

Section II: System Software: Computer System Management

5 Data Resource Management

Section I: Technical Foundations of Database Management

Section II: Managing Data Resources

6 Telecommunications and Networks

Section I: The Networked Enterprise

Section II: Telecommunications Network Alternatives

7 e-Business Systems

Section I: e-Business Systems

Section II: Functional Business Systems

8 Enterprise Business Systems

Section I: Getting All the Geese Lined Up: Managing at the Enterprise Level

Section II: Enterprise Resource Planning: The Business Backbone

Section III: Supply Chain Management: The Business Network

9 e-Commerce Systems

Section I: e-Commerce Fundamentals

Section II: e-Commerce Applications and Issues

10 Supporting Decision Making

Section I: Decision Support in Business

Section II: Artificial

11 Developing Business/IT Strategies

Section I: Planning Fundamentals

Section II: Implementation Challenges

12 Developing Business/IT Solutions

Section I: Developing Business Systems

<p>Section II: Implementing Business Systems</p> <p>13 Security and Ethical Challenges Section I: Security and Ethical, and Societal Challenges of IT Section II: Security Management of Information Technology</p> <p>14 Enterprise and Global Management of Information Technology Section I: Managing Information Technology Section II: Managing Global IT</p>									
<p>Recommended or required reading:</p>	<p>J. O'Brien and G. M. Marakas. "Management Information Systems", McGraw-Hill/Irwin, 2010</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>15 Hours</td> </tr> </table>	Class Instruction:	42 Hours	Consultation:	15 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</td> <td>5%</td> </tr> <tr> <td>Assignments</td> <td>20%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </table>	Examinations	75%	Class Participation	5%	Assignments	20%		100%
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Class Participation	5%								
Assignments	20%								
	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>								