UNIVERSITY of NICOSIA

Course Syllabus

Course Code	Course Title	ECTS Credits
MIS-351	Information Systems Concepts	6
Prerequisites	**Department**	**Semester**
COMP-151 A Fundamental Concepts of Information and Computer Technology	Management and MIS	Fall/Spring
Type of Course	**Field**	**Language of Instruction**
Required	MIS	English
Level of Course	**Lecturer(s)**	**Year of Study**
1st Cycle	Dr. Styliani Kleanthous	2nd or 3rd
Mode of Delivery	**Work Placement**	**Corequisites**
Face to Face	N/A	None

Course Objectives:

This course is designed to provide students with an understanding of the theoretic and practical issues related to the application of information systems within organizations.
The main objectives of the course are to:
- Demonstrate how information systems integrate information and organizational processes across functional areas into unified systems.
- Outline challenges and benefits from the most commonly used enterprise systems.
- Employ a software package to illustrate how enterprise systems work.
- Integrate conceptual and technical (software) skills of students so that a business problem is addressed within the scope of a group project.

Learning Outcomes:

After completion of the course students are expected to be able to:
1. Discuss the fundamentals of information systems.
2. Recognize how an organizational process often spans different functional areas.
3. Describe the role of information systems in an organization.
4. Demonstrate how enterprise systems integrate functional areas into one enterprise-wide information system.

5. Explain how "best practices" are incorporated in enterprise systems.
6. Integrate key concepts from functional-oriented courses, (i.e. accounting, marketing) to promote the development of integrative skills.
7. Explain how integrated information sharing increases organizational efficiencies.
8. Identify, describe, and evaluate the major enterprise system software providers and their packaged systems.
9. Discuss current trends related to enterprise systems.
10. Evaluate the costs and benefits of implementing an enterprise system.

Course Content:

1. Understanding Information Systems that Support Organizational Performance
   a. IT Infrastructure and Support Systems
   b. Data, Text, and Document Management
2. Web, Wireless, and Social Media Strategies
   a. E-Business and E-Commerce
   b. Mobile Computing and Commerce
   c. Web 2.0 and Social Media
3. Operational and Enterprise Systems and Processes
   a. E-Business and E-Commerce
   b. Mobile Computing and Commerce
   c. Web 2.0 and Social Media
   d. Operational Planning and Control Systems
   e. Enterprise Information Systems
4. Managing IT, Business Processes, and Social/Ecology Responsibility
   a. IT Strategic Planning
   b. Business Process Management and Systems Development
   c. Global Ecology, Ethics, and Social Responsibility

Learning Activities and Teaching Methods:

Faculty Lectures, Directed and Background Reading, Case Study Analysis and Discussion, Lab Sessions, In class exercises, Student-led Presentation.

Assessment Methods:

Exercises, Assignments & Presentation, Mid-Term, Final Examination

Required Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Information Technology Management	Efraim Turban and Linda Volonino	Wiley	2011	1118092252

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Managing the Information Technology Resource	Jerry N. Luftman	Pearson Ed.	2004	978-0130351265
M: Information Systems, 4th Ed.	Paige Baltzan	McGraw Hill Education	2018	9781259814297