Course Syllabus

Course Code	Course Title	ECTS Credits
MBAN-736	Enterprise Information System	7.5
Prerequisites	**Department**	**Semester**
None	School of Business	Fall, Spring
Type of Course	**Field**	**Language of Instruction**
Compulsory	Information Systems	English
Level of Course	**Lecturer(s)**	**Year of Study**
2nd Cycle	Prof. Angelika Kokkinaki	1st or 2nd
Mode of Delivery	**Work Placement**	**Corequisites**
Face to Face	N/A	None

Course Objectives:

The main objectives of the course are to:

- Describe the main design principles and the modules of Enterprise Information Systems (EIS)
- Analyse the business processes and their influence on the development of EIS operations
- Examine the main success factors for implementing an EIS, identify best practices as well as points that could lead to failure
- Examine and apply methods, models and simulation tools for business processes and their optimization with regards to specific goals
- Support through exercises the employment of basic operations of EIS
- Compare the most widely used EIS packages and identify criteria for their selection.

Learning Outcomes:

After completion of the course students are expected to be able to:

1. Describe the basic design principles of EIS identify their commonly employed modules and assess their implementation in a business case.
2. Identify the main business processes in an organization and their implementation in an EIS.
3. Explain the parametrization process of EIS, identify open issues that need to be defined

and evaluate the alternative solutions.
4. Specify the requirements of EIS operations for achieving business goals.
5. Analyse and conduct the comparative advantages of and identify the potential constraints in EIS implementations from both technological and operational perspectives.
6. Compare the widely used EIS to select the appropriate implementation for each case.

Course Content:

1. Introduction to Enterprise Information Systems (EIS)
2. Development Process for EIS
3. EIS for Sales Order and Marketing
4. SAP ERP applications for Marketing και Sales Order Process
5. Introduction to Business Process Simulation I
6. Introduction to Business Process Simulation II
7. Supply Chain Management in EIS
8. Warehouse management in EIS
9. Production Planning in EIS
10. Accounting in EIS
11. HRM in EIS
12. Virtual Visit at a company using EIS
13. Preparation for final Exam

Learning Activities and Teaching Methods:

- Faculty Lectures and Guest-Lectures Seminars
- Directed and Background Reading
- Case Study Analysis
- Simulation
- Group Project
- Student-led Presentations

Assessment Methods:

Case Studies; Term Project; Final Exam

Required Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Integrated business processes with ERP systems	Magal, S. R. Word, J.	Wiley Publishing	2011	978-0-470-47844-8

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Collection of Selected Case Studies and Articles				