COURSE OUTLINE

GENERAL

SCHOOL	Sciences and Engineering		
ACADEMIC UNIT	Computer Science		
LEVEL OF STUDIES	1st Cycle		
COURSE CODE	COMP-341	**SEMESTER**	Fall/Spring
COURSE TITLE	Knowledge Management		

INDEPENDENT TEACHING ACTIVITIES *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits*	**WEEKLY TEACHING HOURS**	**CREDITS**
	2.5	6
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).		

COURSE TYPE *general background, special background, specialised general knowledge, skills development*	Specialization
PREREQUISITE COURSES:	Sophomore standing
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	English
IS THE COURSE OFFERED TO ERASMUS STUDENTS	
COURSE WEBSITE (URL)	

LEARNING OUTCOMES

Learning outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.

Consult Appendix A

- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*
- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*
- *Guidelines for writing Learning Outcomes*

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

- Assess the role of knowledge management in organizations (students should be able to discuss and explain the key role of knowledge in an organization along with the forces driving its growth today).
- Become familiar with the theoretical perspectives of knowledge creation, knowledge transfer, knowledge sharing, and knowledge leadership roles and skills.
- Understand the relationship between knowledge management and a learning organization.
- Examine case studies of knowledge management/sharing systems and how they are implemented in the workplace.

- Learn about the ethical issues and problems inherent in knowledge management /knowledge sharing.

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, with the use of the necessary technology	*Project planning and management*
Adapting to new situations	*Respect for difference and multiculturalism*
Decision-making	*Respect for the natural environment*
Working independently	*Showing social, professional and ethical responsibility and sensitivity to gender issues*
Team work	*Criticism and self-criticism*
Working in an international environment	*Production of free, creative and inductive thinking*
Working in an interdisciplinary environment	*……*
Production of new research ideas	*Others…*
	…….

The course primarily aims at the following general competencies:

- Search for, analysis and synthesis of data and information, with the use of the necessary technology
- Adapting to new situations
- Decision-making
- Working independently
- Team work
- Working in an interdisciplinary environment
- Production of new research ideas
- Production of free, creative, and inductive thinking

SYLLABUS

1)Introduction to Knowledge Management.
   - What Is Knowledge Management?
   - Types of knowledge
   - History of KM
   - Current KM practices

2)Knowledge Management Processes
   - The KM Cycle and major approaches

3)Knowledge Management Models

4)Knowledge Capture and Codification
   - Identification, capture and codification of knowledge including cognitive maps, decision trees, and knowledge taxonomies.

5)Knowledge Sharing
   - Knowledge networks and communities
   - Knowledge sharing approaches
   - KM technologies and tools

6)Knowledge Finding and Retrieval

7)KM Evaluation

8)Organizational Learning and Organizational Memory

9)Knowledge Management Organizational Requirements
   - Knowledge-sharing organizational culture

- KM strategy and planning
- KM team

10)KM Continuity Management

11)Future of KM

TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	Face-to-face
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	*Use of ICT in teaching / Χρήση ΤΠΕ* *Communication with students / Επικοινωνία με Φοιτητές*
TEACHING METHODS *The manner and methods of teaching are described in detail.* *Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.* *The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS*	
STUDENT PERFORMANCE EVALUATION *Description of the evaluation procedure* *Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other* *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.*	Midterm Exam, Final Exam, Coursework

Activity	***Semester workload***
Lectures	35
Participation in course activities	41
Weekly preparation	34
Exam preparation	40
Course total	***150***

ATTACHED BIBLIOGRAPHY

Required Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Knowledge Management in Theory and Practice, 3/E	Kimiz Dalkir	The MIT Press	2017	9780262036870

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN

The New Edge in Knowledge	O'Dell C., Hubert C.	Wiley	2011	978-0-470-91739-8
Knowledge Management: An Integrated Approach, 2/E	Jashapara, A.	Pearson	2011	9780273726852