

COURSE OUTLINE

(1) GENERAL

SCHOOL	SOCIAL SCIENCES		
ACADEMIC UNIT	DEPARTMENT OF CULTURAL TECHNOLOGY AND COMMUNICATION		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	POL 219	SEMESTER	6 th
COURSE TITLE	ISSUES OF PRIVACY AND INTELLECTUAL PROPERTY IN CULTURAL ORGANISATIONS		
INDEPENDENT TEACHING ACTIVITIES <i>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</i>		WEEKLY TEACHING HOURS	CREDITS
Lectures		3	5
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	Core Course/General Background/Skills Development		
PREREQUISITE COURSES:	None		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	Yes		
COURSE WEBSITE (URL)	https://eclass.aegean.gr/courses/131414/		

(2) LEARNING OUTCOMES

<p>Learning outcomes</p> <p><i>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.</i></p> <p><i>Consult Appendix A</i></p> <ul style="list-style-type: none"> • <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i> • <i>Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i> • <i>Guidelines for writing Learning Outcomes</i>
<p>After the completion of the specific course students will be able to:</p> <ul style="list-style-type: none"> • Know the basic requirements that need to be satisfied for ensuring privacy during designing an Information System. • Know the methods available for designing privacy aware systems. • Understand the way for eliciting and analyzing privacy requirements through the application of real case studies. • Know a number of available privacy enhancing technologies used during system development. • Understand the concept of intellectual property, the risks and the available ways for protecting digital content and users' rights in online environments. • Know the basic privacy issues in cloud computing environments.
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
 Adapting to new situations
 Decision-making
 Working independently
 Team work
 Working in an international environment
 Working in an interdisciplinary environment
 Production of new research ideas

Project planning and management
 Respect for difference and multiculturalism
 Respect for the natural environment
 Showing social, professional and ethical responsibility and sensitivity to gender issues
 Criticism and self-criticism
 Production of free, creative and inductive thinking

 Others...

- Search for, analysis and synthesis of data and information, with the use of the necessary technology
- Working in an interdisciplinary environment
- Production of free, creative and inductive thinking
- Transfer of know-how in other environments
- Working independently
- Practice Critical Thinking

(3) SYLLABUS

Protecting users' privacy in modern Information Systems is of vital importance especially during design and implementation stages. The rapid development of personalized web-based services used from a continuously increasing number of online users have led the service owners to collect, store and process users' private data in order to increase service innovation offered to them. In parallel, the degree of the newly presented threats that aim on revealing users' identity as well as on gaining unauthorized access on their personal data is increasing dramatically. The aim of this course is the reveal and presentation of the basic privacy issues that concern analysts and developers when realizing an Information System.

Lectures	
1.	Introduction – Course Goals and Objectives – Description of lectures
2.	Conceptual Founding of Privacy
3.	Privacy Framework – ISO 29100
4.	Privacy Architecture Framework – ISO 29101
5.	Privacy by Design
6.	Privacy Requirements Engineering Methods
7.	Case Study I
8.	GDPR Compliance and Greek Law
9.	Privacy issues in cloud computing environments
10.	Privacy Enhancing Technologies
11.	Technologies for Intellectual property rights protection
12.	Privacy and Social Media
13.	Revision – Projects evaluation

- IEEE Transactions on Software Engineering, IEEE
- Security and Communication Networks, Wiley
- Information Management and Computer Security, Emerald
- International Journal on Advances in Security, IARIA
- Journal of Information Security and Applications, Elsevier