COURSE OUTLINE

INFORMATICS, LAW AND ETHICS IN THE DIGITAL AGE

1. GENERAL

SCHOOL	CLASSICS AND HUMANITIES
DEPARTMENT/UPS	HUMANITIES / DIGITAL APPLICATIONS IN ARTS AND CULTURE
LEVEL OF STUDIES	UNDERGRADUATE – LEVEL 6

COURSE CODE	XXXXX	**SEMESTER**	8TH

COURSE TITLE	INFORMATICS, LAW AND ETHICS IN THE DIGITAL AGE	

TEACHING ACTIVITIES *If the ECTS Credits are distributed in distinct parts of the course e.g. lectures, labs etc. If the ECTS Credits are awarded to the whole course, then please indicate the teaching hours per week and the corresponding ECTS Credits.*	**TEACHING HOURS PER WEEK**	**ECTS CREDITS**
	3	5
Please, add lines if necessary. Teaching methods and organization of the course are described in section 4.		

COURSE TYPE *Background, General Knowledge, Scientific Area, Skill Development*	SCIENTIFIC AREA
PREREQUISITES:	NO
TEACHING & EXAMINATION LANGUAGE:	GREEK
COURSE OFFERED TO ERASMUS STUDENTS:	YES
COURSE URL:	https://eclass.duth.gr/courses/XXXXXX/

2. LEARNING OUTCOMES

Learning Outcomes   *Please describe the learning outcomes of the course: Knowledge, skills and abilities acquired after the successful completion of the course.*
Upon completion of the course, students will be able to: • Understand the basic principles and regulations governing digital technology and the internet.   • Comprehend issues related to intellectual property, privacy, and data protection.   • Examine ethical issues in computing.   • Evaluate ethical dilemmas related to technology use, such as artificial intelligence, surveillance, censorship, and social networks.   • Apply theoretical knowledge to practical examples, assessing legal and ethical decisions in cases concerning computing.   • Understand the role of international regulations.   • Analyze the international dimension of legislation and regulatory frameworks in the information society, including European Union regulations.   • Develop critical thinking about the relationship between technology, law, and society.
General Skills   *Name the desirable general skills upon successful completion of the module*
Search, analysis and synthesis of data and information,   *Project design and management*   *ICT Use*   *Equity and Inclusion*   *Adaptation to new situations*   *Respect for the natural environment*   *Decision making*   *Sustainability*   *Autonomous work*   *Demonstration of social, professional and moral responsibility and*   *Teamwork*   *sensitivity to gender issues*   *Working in an international environment*   *Critical thinking*   *Working in an interdisciplinary environment*   *Promoting free, creative and inductive reasoning*   *Production of new research ideas*
• Search, analysis and synthesis of data and information,

- ICT Use
- Autonomous work
- Teamwork
- Equity and Inclusion
- Demonstration of social, professional and moral responsibility and sensitivity to gender issues
- Promoting free, creative and inductive reasoning

3. COURSE CONTENT

1. Introduction to Intellectual Property Law - Intangible Goods - Copyright - Trademark - Distinctive Signs - Domain Names - Patents - Design: Basic Principles, Powers, Limits of Protection.

2. Copyright (I) - Subject Matter of Protection - Subject of Rights - Categories of Works.

3. Copyright (II) - Economic Rights - Moral Rights - Powers - Limits of Protection of the Right - Exceptions and Limitations.

4. Intellectual Property Organization and Committee for the Enforcement of Copyright and Related Rights Violations on the Internet.

5. Sui Generis Right on Databases.

6. Advertising Filtering Software and the Law of Intangible Goods.

7. Issues of Copyright Law in the Digital Single Market - Data Mining - Hyperlinks - Liability of Service Providers in the Information Society.

8. Artificial Intelligence as Cutting-Edge Technology - Acquiring Knowledge and Extracting Data through AI.

9. Technological Aspects of AI - Machine Learning and Its Applications/Intelligent Systems.

10. Legal Regulation of AI at the European Union Law Level - Emerging Ethical Issues and Their Addressing.

11. Privacy and Personal Data in the Digital Age - Informational Self-Determination of the Individual and Conflict with Other Constitutional Rights - Institutional Framework.

12. Basic Concepts - Principles of Personal Data Processing - Consent of the Data Subject for Their Processing - Legal Bases for Data Processing.

13. Obligations of the Data Controller and Processor - The Data Protection Officer and Their Obligations - Rights of the Data Subject.

4. LEARNING & TEACHING METHODS - EVALUATION

TEACHING METHOD *Face to face, Distance learning, etc.*	- Classroom lectures - Workshops - Active learning (hands-on learning) – Experiential learning - Collaborative learning
USE OF INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT) *Use of ICT in Teaching, in Laboratory Education, in Communication with students*	- Use of ICT in Teaching and Communication with Students - PPT presentations - Use of digital tools and platforms - Teaching materials, announcements, and communication via the eClass platform - Student study of supporting materials related to the course content - Communication with students via email

TEACHING ORGANIZATION *The ways and methods of teaching are described in detail.* *Lectures, Seminars, Laboratory Exercise, Field Exercise, Bibliographic research & analysis, Tutoring, Internship (Placement), Clinical Exercise, Art Workshop, Interactive learning, Study visits, Study / creation, project, creation, project. Etc.* *The supervised and unsupervised workload per activity is indicated here, so that total workload*	**Activity**	**Workload/semester**
	Lectures	39
	Seminar Attendance	3
	Educational Visit	3
	Independent Study, Progress Tracking, Exam Preparation, Self-assessment Exercises, Interactive Activities	102

	Final Exam	3
	Total	150

STUDENT EVALUATION *Description of the evaluation process* *Assessment Language, Assessment Methods, Formative or Concluding, Multiple Choice Test, Short Answer Questions, Essay Development Questions, Problem Solving, Written Assignment, Essay / Report, Oral Exam, Presentation in audience, Laboratory Report, Clinical examination of a patient, Artistic interpretation, Other/Others* *Please indicate all relevant information about the course assessment and how students are informed*	Written Examination (100%) Alternatively (optional): Written Individual Assignment (worth 30% of the final grade)

5. SUGGESTED BIBLIOGRAPHY

- Καλλινίκου, Δ., 2021, Πνευματική ιδιοκτησία (Copyright Law), Π. Ν. Σάκκουλας.
- Κοτσίρης, Λ., 2017, Πνευματική ιδιοκτησία και το κοινοτικό κεκτημένο (Copyright Law and acquiscommunautaire), Σάκκουλα.
- Rosati, E., 2021, Copyright in the digital single market: Article by article commentary to theprovisions of Directive 2019/790, Oxford University Press.
- Walter, M., & Lewinski, S. von (Eds), 2010, European Copyright Law: A commentary, OxfordUniversity Press.
- Γιαννόπουλος, Ν. Γ. 2018. *Εισαγωγή στη Νομική Πληροφορική. Μια πρώτη προσέγγιση της σχέσης δικαίου και νέων τεχνολογιών*. Αθήνα: Νομική Βιβλιοθήκη
- Ιγγλεζάκης, Α. 2022. *Δίκαιο Πληροφορικής και Διαδικτύου. Βασική Εμπορική Νομοθεσία.* Αθήνα: Σάκκουλας
- Μανιάτης, Α.Π. 2006. *Δίκαιο Πληροφορικής και Τηλεπικοινωνιών.* Αθήνα: Σάκκουλας
- Floridi, L., Cowls, J., Beltrametti, M., Chatila, et. al, 2018, AI4People: An ethical framework for agood AI society, *Minds Mach 28*(4), 689-707.
- Mittelstadt, B., Allo, P., Taddeo, M., Wachter, S., and Floridi, L., 2016, The ethics of algorithms:Mapping the debate, *Big data & society 3*(2)
- Floridi, L., 2023, The ethics of artificial intelligence: Principles, challenges and opportunities,Oxford University Press.
- White Paper on Artificial Intelligence: A European approach to excellence and trust, February2020, European Commission, https://commission.europa.eu/publications/white-paperartificial-intelligence-european-approach-excellence-and-trust_en.
- Βλαχάβας, Ι., Κεφαλάς, Π., Βασιλειάδης, Ν., Κόκκορας, Φ., & Σακελλαρίου, Η., 2020, Τεχνητή νοημοσύνη, Εκδόσεις Πανεπιστημίου Μακεδονίας.
- Μήτρου, Λ. (Επιμ.), 2023, Μπορεί ο αλγόριθμος... να είναι ηθικός, να είναι δίκαιος, να είναι διαφανής, να δικάζει & να διοικεί;, Πανεπιστημιακές Εκδόσεις Κρήτης.
- Milossi, M., Alexandropoulou, E., &Psannis, K., 2021, AI ethics: Algorithmic determinism or selfdetermination?,*IEEE Access 9*, 58455-58466.
- Μήτρου, Λ. *Η Δημοσιότητα της Κύρωσης ή Η Κύρωση της Δημοσιότητας*, Αθήνα: Σάκκουλας, 2012.
- Μήτρου, Λ. *Ο Γενικός Κανονισμός Προστασίας Προσωπικών Δεδομένων Νέο δίκαιο - νέες υποχρεώσεις - νέα δικαιώματα (Σειρά: Δίκαιο και Κοινωνία στον 21ο Αιώνα)*, Αθήνα, Θεσσαλονίκη: Σάκκουλας, 2017.
- Κανελλοπούλου-Μπότη, Μ. *Πληροφοριακός αυτοκαθορισμός και προσωπικά δεδομένα : μερικές παρατηρήσεις μετά την πρώτη δεκαπενταετία εφαρμογής του νόμου : με αφορμή το παράδειγμα των ιατρικών φακέλων*, Χρονικά Ιδιωτικού Δικαίου 8 (2012): 561-565.

ANNEX OF THE COURSE OUTLINE

Alternative ways of examining a course in emergency situations

Teacher (full name):	G. BABETAS
Contact details:	gbampeta@law.duth.gr
Supervisors: (1)	YES
Evaluation methods: (2)	Written Examination (100%)
Implementation Instructions: (3)	The written exams (both mid-term and final) will be conducted via the eClass platform on a date and time that will be announced in advance. Students will be informed of the exam duration and content well ahead of the scheduled exam.

(1) Please write YES or NO

(2) Note down the evaluation methods used by the teacher, e.g.
- ➢ *written assignment* or/and exercises
- ➢ written or oral examination with distance learning methods, provided that the integrity and reliability of the examination are ensured.

(3) In the **Implementation Instructions** section, the teacher notes down clear instructions to the students:

a) in case of **written assignment and / or exercises:** the deadline (e.g. the last week of the semester), the means of submission, the grading system, the grade percentage of the assignment in the final grade and any other necessary information.

b) in case of **oral examination with distance learning methods:** the instructions for conducting the examination (e.g. in groups of X people), the way of administration of the questions to be answered, the distance learning platforms to be used, the technical means for the implementation of the examination (microphone, camera, word processor, internet connection, communication platform), the hyperlinks for the examination, the duration of the exam, the grading system, the percentage of the oral exam in the final grade, the ways in which the inviolability and reliability of the exam are ensured and any other necessary information.

c) in case of **written examination with distance learning methods**: the way of administration of the questions to be answered, the way of submitting the answers, the duration of the exam, the grading system, the percentage of the written exam of the exam in the final grade, the ways in which the integrity and reliability of the exam are ensured and any other necessary information.

There should be an attached list with the Student Registration Numbers only of students eligible to participate in the examination.