

ΠΕΡΙΓΡΑΜΜΑ ΜΑΘΗΜΑΤΟΣ (Course Syllabus)

1. General

School	School of Humanities and Social Sciences		
Department	Department of Culture, Creative Media and Industries		
Study Level	Undergraduate		
Course code	ΕΠ687	Semester	6, 8
Course Title	Culture and Digital Media		
Autonomous Teaching Activities		Weekly Teaching Hours	Credits
Lectures		3	5
Tutorials		2	
Course Type <i>Υποβάθρου , Γενικών Γνώσεων, Επιστημονικής Περιοχής, Ανάπτυξης Δεξιοτήτων</i>		Scientific area Skills Development	
Prerequisites:	No		
Course teaching and evaluation language:	Greek		
The course is offered to Erasmus incoming students	Yes [potentially the course may be offered in English]		
Course Page (URL)	https://eclass.uth.gr/courses/CULT_U_295/		

2. Learning Outcomes

Learning Outcomes

Describe the learning outcomes of the course, the specific knowledge, skills and abilities students will acquire upon successful completion of the course of the appropriate level.

Upon successful completion of the course students will be able to:

- Understand issues related to the Human-Machine Interaction from a historical perspective.
- Reflect on the use of technology in fields such as cultural heritage.
- Comprehend the ways of creating digital cultural software through collaborative methods.
- Understand questions related to biopolitics in the digital condition.
- Reflect on the use of artificial intelligence in everyday life.

General Skills

Taking into account the general competencies that the graduate must have acquired (as listed in the Diploma Supplement and listed below), which one (s) does the course aim for?

Research, analyze and synthesize data and information, using the necessary technologies

Adaptation to new situations

Decision making

Independent work

Teamwork

Working in an international environment

Working in an interdisciplinary environment

Production of new research ideas Project design and management

Respect for diversity and multiculturalism

Respect for the natural environment

Demonstrate social, professional and ethical responsibility and gender sensitivity

Exercising criticism and self-criticism

Promoting free, creative and inductive thinking

The course aims at cultivating the following skills:

- Research, analyze and synthesize data and information, using the necessary technologies
- Production of new research ideas
- Project design and management

- Exercising criticism
- Independent work
- Teamwork
- Promoting free, creative and inductive thinking

3. Course Content

The course investigates cutting-edge theoretical issues concerning the relationship between culture and digital technology. It explores topics related to the Human-Computer Interaction (HCI), ranging from the vision of personal computing as a vast archive of knowledge to contemporary artificial intelligence. The aim of the course is to approach genealogical questions that occupy the modern individual in the digital condition:

- What does it mean to live and work in a digital environment?
- Will the 'machine' replace the 'human'?
- What are the consequences that artificial intelligence will bring to everyday life and work?

The genealogical approach to these questions seeks to place them within a historical framework and highlight their connection to broader epistemological issues from different eras.

Throughout the course, students will undertake theoretical assignments related to the content of specific sections.

Course content

1. Introduction: Description and objectives of the course, assessment method.
2. Cultural Heritage and Digital Cultural Heritage
3. Digital Cultural Heritage and Immersive Technologies
4. Crowdsourcing and Participatory Design
5. Memory and Digital Memory
6. Archive and Digital Archive
7. Case Study: "Digital Archive 1821" <https://1821.digitalarchive.gr/>
8. Biopolitics and Biopolitics in the Digital Condition
9. Human and Machine: Designing the Computer in the Model of the Human Brain
10. Artificial Intelligence 1: Moments from the History of AI
11. Artificial Intelligence 2: Fields of Application of AI
12. Artificial Intelligence 3: Case Study: Conversing with the Machine
13. Artificial Intelligence 4: Biopolitics and AI
14. Overview

4. Instructive and Learning Methods - Evaluation

Delivery Method.	Delivered by physical presence	
Use of IT's in teaching and communication with students	<ul style="list-style-type: none"> ● Use of database systems and cultural software ● Support Learning Process via the e-class platform ● Electronic communication with students 	
Teaching Structure <i>The methods of teaching are described in detail</i> <i>The student study hours for each learning activity are recorded as well as the non-instructional study hours so that the overall workload at semester level corresponds to ECTS standards.</i>	Methods	Semester Work Load
	Lectures and seminars	39
	Individual/Team projects	46
	Autonomous study	65
	Course Total (25 Hrs. Work Load per Credit Unit)	150
Student Evaluation <i>Description of the evaluation procedure</i>	Formative Assessment: Weekly in-class exercises	

	<p>Summative Assessment Practical exercises: 30% Written exams (Essay development questions & Short answer questions):70%</p> <p><i>The evaluation criteria are explicitly mentioned during the first introductory lecture. They are also available, in the course description on the university's eclass asynchronous e-learning platform.</i></p>
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5. Recommended Readings

Advised Bibliography:

- Ρόμπιν Μάνσελ, *Το διαδίκτυο στη φαντασία*, Ροπή, Αθήνα 2018. Κωδικός βιβλίου στον Εύδοξο 94692377
- Κοκκώνης Μιχάλης, Μπαντιμαρούδης Φιλήμων, Πασχαλίδης Γρηγόρης (Επιμ.) *Ψηφιακά μέσα. Ο πολιτισμός του ήχου και του θεάματος*, Εκδόσεις Κριτική, Αθήνα 2010. Κωδικός βιβλίου στον Εύδοξο 11878.
- Παπαγεωργίου Δημήτρης, Μυριβήλη Ελένη, Μπουμπάρης Νίκος (επιμ.), *Πολιτιστική αναπαράσταση*, Κριτική, Αθήνα 2006. Κωδικός βιβλίου στον Εύδοξο 11752.
- Lev Manovich, *Η Γλώσσα των Νέων Μέσων*, ΑΣΚΤ, Αθήνα 2016. Κωδικός βιβλίου στον Εύδοξο 68389443.
- Καταπότη Δέσποινα, Μπούνια Αλεξάνδρα (επιμ.), *Αναδυόμενες τεχνολογίες και πολιτισμική κληρονομιά*, Αλεξάνδρεια, Αθήνα 2021. Κωδικός βιβλίου στον Εύδοξο 102072775.
- Max Tegmark, *Τι θα σημαίνει να είσαι άνθρωπος στην εποχή της τεχνητής νοημοσύνης*; ΤΡΑΥΛΟΣ & ΣΙΑ ΟΕ, Αθήνα 2018. Κωδικός βιβλίου στον Εύδοξο 86200413.

Journals:

- Digital Humanities Quarterly (DHQ), <http://www.digitalhumanities.org/dhq/>
- Digital Literary Studies, <https://journals.psu.edu/dls>