

## ΠΕΡΙΓΡΑΜΜΑ ΜΑΘΗΜΑΤΟΣ (Course Syllabus)

### 1. General

<b>School</b>	<a href="#">School of Humanities and Social Sciences</a>		
<b>Department</b>	<a href="#">Department of Culture, Creative Media and Industries</a>		
<b>Study Level</b>	Undergraduate		
<b>Course code</b>	EP586	<b>Semester</b>	5, 7
<b>Course Title</b>	Digital Exhibits and Databases for Memory Institutions (GLAM)		
<b>Autonomous Teaching Activities</b>		<b>Weekly Teaching Hours</b>	<b>Credits</b>
Lectures		3	6
Tutorials		2	
<b>Course Type</b> <i>Υποβάθρου , Γενικών Γνώσεων, Επιστημονικής Περιοχής, Ανάπτυξης Δεξιοτήτων</i>	Scientific area (Digital Humanities, GLAM, Cultural Software)		
<b>Prerequisites:</b>			
<b>Course teaching and evaluation language:</b>	Greek (good knowledge of English for bibliographic use)		
<b>The course is offered to Erasmus incoming students</b>	Yes [potentially the course may be offered in English]		
<b>Course Page (URL)</b>			

### 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 the technological requirements of memory institutions.
- Comprehend key concepts and practices of digital technology (databases, visualization, interfaces, multimodality, interaction) and their application in memory institutions.
- Effectively prepare and organize data and content for database entry (skill development).
- Add metadata and utilize search mechanisms (skill development).
- Design and develop digital exhibits (skill development).

#### 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 to develop the following skills:

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

- Independent work
- Teamwork
- Production of new research ideas
- Exercising criticism
- Promoting free, creative and inductive thinking

### 3. Course Content

#### General Description

This course offers an in-depth exploration of the design of digital applications with cultural content. It examines digital applications and tools utilized by memory institutions— museums, archives, and libraries—for various purposes. Through case studies, it analyzes how digital technology is used to generate ideas and meanings and to disseminate them to broader audiences. Additionally, the course trains students in the functionality of databases as tools for organizing, searching, and presenting cultural information.

#### Course Objectives:

Provide a comprehensive overview of the tools and applications used by memory institutions.

Train students in the conceptual and content design of these digital tools and applications. During the course, students will be required to design an application suitable for use in a museum setting.

#### Lecture Content

1. **Introduction:** Course description, objectives, and assessment methods
2. **Memory Institutions:** What are they? How do they use technology? What are their needs?
3. **Digital Applications for Museum Use:** Types and characteristics of digital exhibits
4. **Narrativity and Meaning-Making:** Analysis of digital exhibits  
+ **Assignment A:** Design of a digital exhibit for museum use
5. **Assignment A:** Presentation of the concept – Feedback and revisions
6. **Interface Interpretations:** Analysis of digital exhibits
7. **Assignment A:** Presentation of the content – Feedback and revisions
8. **Visualization and Exhibition:** Narrative visualization vs. data visualization
9. **Assignment A:** Submission and presentation
10. **Collection Organization and Databases:** Basic concepts (attributes, fields, keywords, search engines)
11. **Database Analysis for Memory Institutions:** Back-end structure
12. **Assignment B:** Ontology design for a database
13. **Database Analysis for Memory Institutions:** Front-end structure  
+ **Presentations of Assignment B**

### 4. Instructive and Learning Methods - Evaluation

<b>Delivery Method.</b>	Delivered by physical presence	
<b>Use of IT's in teaching and communication with students</b>	<ul style="list-style-type: none"> <li>• Use of Online Applications and Databases</li> <li>• E-class</li> <li>• Electronic Communication with Students</li> </ul>	
<b>Teaching Structure</b> <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</i>	<b>Methods</b>	<b>Semester Work Load</b>
	Lectures	30
	Study and Analysis of Bibliography	30

workload at semester level corresponds to ECTS standards.	Exercises	70
	Writing Assignment	20
	<b>Course Total</b> <b>(25 Hrs. Work Load per Credit Unit)</b>	150
<b>Student Evaluation</b> Description of the evaluation procedure	<p>Formative Assessment:</p> <ul style="list-style-type: none"> <li>Exercises during the teaching weeks</li> <li>Oral presentations</li> </ul> <p>Summative Assessment:</p> <ul style="list-style-type: none"> <li>Exercises (30%)</li> <li>Final assignments (A + B): 70%</li> </ul> <p>The assessment criteria are clearly outlined during the first introductory lecture. They are also available in the course description on the university's asynchronous e-learning platform, e-class.</p>	

## 5. Recommended Readings

- Μ. Κοκκώνης, Γρ. Πασχαλίδης, Φ. Μπαντιμαρούδης (επιμ.), *Ψηφιακά μέσα. Ο πολιτισμός του ήχου και του θεάματος*, Εκδόσεις Κριτική, Αθήνα 2010.
- Δ. Παπαγεωργίου, Ν. Μπουμπάρης, Ελ. Μυριβήλη (επιμ.), *Πολιτιστική αναπαράσταση*, Εκδόσεις Κριτική, Αθήνα 2006.
- Ιουλία Πεντάζου, *Ιστορία σε έκθεση/πρακτικές ψηφιακού σχεδιασμού*, Εκδόσεις ΕΑΠ, Αθήνα 2019.
- Νίκη Νικονάνου (επιμ.), *Μουσειακή μάθηση και εμπειρία στον 21<sup>ο</sup> αιώνα*, ΣΕΑΒ 2015, <https://repository.kallipos.gr/handle/11419/712>
- Τ. Δημητρούλια, Κ. Τικτοπούλου, *Ψηφιακές λογοτεχνικές σπουδές*, ΣΕΑΒ 2015, <https://repository.kallipos.gr/handle/11419/5827>
- Καταπότη Δέσποινα, Μπούνια Αλεξάνδρα (Επιμ.), *Αναδυόμενες τεχνολογίες και πολιτισμική κληρονομιά*, Αλεξάνδρεια, Αθήνα 2021. Κωδικός Βιβλίου στον Εύδοξο 102072775
- Αλ. Μπούνια, Ν. Νικονάνου, Μ. Οικονόμου (επιμ.), *Η ΤΕΧΝΟΛΟΓΙΑ ΣΤΗΝ ΥΠΗΡΕΣΙΑ ΤΗΣ ΠΟΛΙΤΙΣΜΙΚΗΣ ΚΛΗΡΟΝΟΜΙΑΣ*, Καλειδοσκόπιο 2008. Κωδικός Βιβλίου στον Εύδοξο: 12671
- Βαν Μπούσχοτεν, Ρ., Βερβενιώτη, Τ., Λαμπροπούλου, Δ., Μούλιου, Μ. & Χαντζαρούλα, Π. (επιμ.). *Η μνήμη αφηγείται την πόλη*, εκδ. Πλέθρον, Αθήνα 2016. Κωδικός Βιβλίου στον Εύδοξο: 59373447

### Περιοδικά

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

