# Management of Information for Cultural Assets

## Prof. Giliola Barbero

***COURSE AIMS AND INTENDED LEARNING OUTCOMES***

The aim of the course is to introduce students to the *digital humanities* and in particular to the main electronic documents and communication techniques designed for safeguarding and enhancing assets in the possession of various kinds of cultural institutes as well as historical research.

The objective is to produce cultural heritage operators and researchers capable of meeting the needs of the labour market and international research environment.

The expected preparation is humanistic, not technical, in nature and is supported by reflection on the history of new technologies and the philosophy that accompanies them.

In addition to all this, students will also learn certain notions of project management. The course will provide students with:

* the requisite knowledge for designing museum websites and electronic archives;
* and the ability to engage with IT technicians on projects.

In particular, students will learn about:

* standards of the internet and world wide web.
* the principles of how database and markup languages work.

To this end, various applications developed in museums, libraries, archives, archaeological sites and governmental cultural institutions, as well as in research projects will be presented each year, but the purpose of the course is not to teach to interrogate existing applications, but to teach to design and test them in collaboration with computer technicians.

***COURSE CONTENT***

– Types of electronic resources for documenting cultural aspects: what kind of resources should be used? What kind of resources should be designed and for whom?

– Tools: websites, databases and mark-up language.  
– The digital library and the National Digitization Plan (PND) for cultural heritage.

– The management of projects.

***READING LIST***

J. Nielsen, *Web usability,* Apogeo, Milan, 2000.

G. Di Domenico, *Pensare, lavorare per progetti,* in *Gestire il cambiamento*, edited by G. Solimine, Editrice Bibliografica, Milan, 2003 (Bibliografia e biblioteconomia, 69), pp. 145-231.

M. Lana, *Il testo nel computer,* Bollati Boringhieri, Turin, 2004.

S. Vitali, *Passato digitale,* Bruno Mondadori, Milan, 2004.

E. Pierazzo, *La codifica dei testi,* Carocci, Rome, 2005.

F. Ciotti-G. Roncaglia, *Il mondo digitale: introduzione ai nuovi media,* Laterza, Bari, 2010.

J. Nielsen, *Web usability 2.0,* Apogeo, Milan, 2010.

## *A Guide to the Project Management Body of Knowledge* (*PMBOK Guide*), PMI 2013.

Ministero della Cultura *Piano nazionale di digitalizzazione del patrimonio culturale*, https://docs.italia.it/italia/icdp/icdp-pnd-docs/it/consultazione/index.html (nella versione indicata in classe).

***TEACHING METHOD***

Frontal lectures, practical work carried out by the students themselves, taking part in events.

Attendance to the 12 hours’ seminar is compulsory for students of Archaelogy and History of Art second level degree course (lecturer: professor Micaela Leonardi for the Archaelogy course and professor Stefania Vecchio for the History of Art course). Attending the course makes exam preparation much easier, specifically because it introduces students to a subject which presents different facets compared to the others of the humanistic area.

***ASSESSMENT METHOD AND CRITERIA***

The oral examinations will require different skills, including the ability to 1) deliver (for about 8-10 minutes) a presentation on a topic that cuts across the syllabus; 2) clearly illustrate, with the support of a PC, how to use the electronic resources covered in lectures, giving examples of research developed independently by the students themselves; 3) answer specific questions relating to the syllabus.

One assessment criterion will be the ability to explain the principles of the subject using appropriate terminology.

***NOTES AND PREREQUISITES***

A specific reading list will be posted in the lecturer’s webpage that will give the study syllabus for the examination.

The list will give:

– the pages to be studied;

– the websites and pages to be studied.

For example, see the lectures published for the 2020-2021 academic year.

There are no specific requirements for the course.

Further information can be found on the lecturer's webpage at http://docenti.unicatt.it/web/searchByName.do?language=ENG, or on the Faculty notice board.