DIGITAL HUMANITIES (LM70)
(Università degli Studi)

Teaching WEB TECHNOLOGIES

GenCod A004188
Owner professor Roberto PAIANO

Teaching in italian WEB TECHNOLOGIES **Course year** 1

Teaching WEB TECHNOLOGIES **Language** ENGLISH

SSD code ING-INF/05 **Curriculum** COMUNE/GENERICO

Reference course DIGITAL HUMANITIES

Course type Laurea Magistrale **Location**

Credits 6.0 **Semester** First Semester

Teaching hours Front activity hours: 42.0 **Exam type** Oral

Assessment Final grade

For enrolled in 2020/2021

Taught in 2020/2021 **Course timetable** https://easyroom.unisalento.it/Orario

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BRIEF COURSE DESCRIPTION	IDM Modelling Methodology Requirement elicitation Usability framework wordpress

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REQUIREMENTS	Adequate basic knowledge of Computer Science and Web

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COURSE AIMS	The Web Technologies course aims to provide the student with a basic knowledge of WEB oriented modeling and programming. Through the introduction of the IDM modeling methodology, the design of applications for the WEB and their development through the Wordpress framework or other IT tools are deepened.

TEACHING METHODOLOGY	frontal teaching - Exercises - group work. The teaching consists of lectures (20 hours) and exercises (22 hours), which provide for the direct involvement of the students, called to put what they have learned into practice. Class attendance is highly recommended.

ASSESSMENT TYPE	a. Written test
	The exam aims to evaluate the achievement of the following teaching objectives:
	▪ Knowledge of web application design methodology;
	▪ Ability to acquire and document the requirements of a web application
	The student is assessed on the basis of the formal correctness of the project.
	b. Project (group work)
	The exam aims to evaluate the achievement of the following didactic and transversal objectives:
	▪ Ability to develop an application in a Web environment;
	▪ Ability to work in a team;
	▪ Ability to present the work done;
	The student is assessed on the basis of the achievement of the objectives set by the project and the method of planning and development.
ASSESSMENT SESSIONS	Pending approval of the didactic calendar.
OTHER USEFUL INFORMATION	the teacher receives:
	Monday and Wednesday from 8.30 to 10.30
FULL SYLLABUS	1. Introduction to Modeling of WEB applications.
	2. Requirements elicitations and issues of the WEB environment.
	3. IDM Methodology.
	▪ Conceptual modelling
	▪ Logical Modelling – device dependent
	▪ Page Modelling
	4. Developing Framework (Wordpress)
	5. Usability of Web Applications.
REFERENCE TEXT BOOKS	Davide Bolchini, Luca Mainetti, Paolo Paolini - Progettare siti web e applicazioni mobili – McGraw Hill, 2006, ISBN: 8838662908
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