

# 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** INGLESE

**SSD code** ING-INF/05

**Curriculum** COMUNE/GENERICO

**Reference course** DIGITAL HUMANITIES

**Course type** Laurea Magistrale

**Location**

**Credits** 6.0

**Semester** Primo-Semestre

**Teaching hours** Ore-Attivita-frontale:  
42.0

**Exam type** Orale

**For enrolled in** 2020/2021

**Assessment** Voto-Finale

**Taught in** 2020/2021

**Course timetable**

<https://easyroom.unisalento.it/Orario>

### BRIEF COURSE DESCRIPTION

IDM Modelling Methodology  
Requirement elicitation  
Usability  
framework wordpress

### REQUIREMENTS

Adequate basic knowledge of Computer Science and Web

### 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	<p>a. Written test The exam aims to evaluate the achievement of the following teaching objectives:</p> <ul style="list-style-type: none"> <li>▪ Knowledge of web application design methodology;</li> <li>▪ Ability to acquire and document the requirements of a web application</li> </ul> <p>The student is assessed on the basis of the formal correctness of the project.</p> <p>b. Project (group work) The exam aims to evaluate the achievement of the following didactic and transversal objectives:</p> <ul style="list-style-type: none"> <li>▪ Ability to develop an application in a Web environment;</li> <li>▪ Ability to work in a team;</li> <li>▪ Ability to present the work done;</li> </ul> <p>The student is assessed on the basis of the achievement of the objectives set by the project and the method of planning and development.</p>
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	<ol style="list-style-type: none"> <li>1. Introduction to Modeling of WEB applications.</li> <li>2. Requirements elicitations and issues of the WEB environment.</li> <li>3. IDM Methodology. <ul style="list-style-type: none"> <li>▪ Conceptual modelling</li> <li>▪ Logical Modelling – device dependent</li> <li>▪ Page Modelling</li> </ul> </li> <li>4. Developing Framework (Wordpress)</li> <li>5. Usability of Web Applications.</li> </ol>
REFERENCE TEXT BOOKS	Davide Bolchini, Luca Mainetti, Paolo Paolini - Progettare siti web e applicazioni mobili – McGraw Hill, 2006, ISBN: 8838662908 slide of teacher