

30256 - Web Systems and Technology

Syllabus Information

Academic Year: 2020/21

Subject: 30256 - Web Systems and Technology

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura
326 - Escuela Universitaria Politécnica de Teruel

Degree: 443 - Bachelor's Degree in Informatics Engineering
439 - Bachelor's Degree in Informatics Engineering

ECTS: 6.0

Year: 4

Semester: 439 - Second semester

439 - Second semester

439 - Second semester

439 - Second semester

439 - Second semester

439 - Second semester

439 - Second semester

439 - Second semester

443 - Second semester

443 - Second semester

443 - Second semester

443 - Second semester

Subject Type: ---

Module: ---

1.General information

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

The learning process designed for this subject is based on the following:

- Lectures in classroom.
- Personal study of the main concepts.
- Theoretical and practical resolution of specific cases and problems in practical sessions in the computer room.

4.2.Learning tasks

The course includes the following learning tasks:

- Lectures in the classroom.
- Development of main concepts and techniques by means of practical sessions in the computer room.
- Development of a real and functional Web application.

4.3.Syllabus

The course will address the following topics:

1. Introduction. Systems and Web technologies.
2. Distributed systems.
3. Web technologies.
4. Web services.
5. Cloud computing.

4.4.Course planning and calendar

The schedule of the subject will be defined by the centre in the academic calendar of the corresponding course.

Student Work

The dedication of the student to achieve the learning outcomes in this subject is estimated at 150 hours distributed as follows:

- 60 hours of classroom activities (30 hours of theory and problems sessions and 30 hours of practical sessions in the laboratory).
- 45 hours of T6 activities.
- 40 hours of individual study.
- 5 hours of evaluation activities.

4.5.Bibliography and recommended resources

[BB: Bibliografía básica / BC: Bibliografía complementaria]

Zaragoza:

<http://psfunizar7.unizar.es/br13/egAsignaturas.php?codigo=30256&Identificador=14720>

Listado de URL

- Java [<http://java.com/es/>]
- The RFC series [<http://www.rfc-editor.org>]
- W3Schools [<http://www.w3schools.com/>]

Teruel:

<http://psfunizar7.unizar.es/br13/egAsignaturas.php?codigo=30256&Identificador=13628>