

62221 - Quality in Software Development, ICT Services and Infrastructures

Información del Plan Docente

Academic Year	2016/17
Academic center	110 - Escuela de Ingeniería y Arquitectura
Degree	534 - Master's in IT Engineering
ECTS	6.0
Course	1
Period	First semester
Subject Type	Compulsory
Module	---

1.Basic info

1.1.Recommendations to take this course

1.2.Activities and key dates for the course

2.Initiation

2.1.Learning outcomes that define the subject

2.2.Introduction

3.Context and competences

3.1.Goals

3.2.Context and meaning of the subject in the degree

3.3.Competences

3.4.Importance of learning outcomes

4.Evaluation

5.Activities and resources

5.1.General methodological presentation

Learning process:

Study and work from the very first day.

Teaching classes will be focussed on learning concepts and techniques for understanding and evaluating system's qualities.

The role of the student will be prominent both in teaching classes and in problem solving classes.

5.2.Learning activities

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Teaching classes will develop the Program of the course.

Problem solving classes and Laboratory will be focussed on developing practical aspects of the data centers and software quality evaluation. The students will visit some data center for understanding its configuration and maintenance activities.

5.3.Program

1. Quality in data centers
2. Quality in IT services
3. Software quality

5.4.Planning and scheduling

Students work

150 hours as follows:

55 hours for presential activities (seminars, problem solving, laboratory, visits, etc.)

45 hours work group (including hours of professor assessment)

45 hours individual work and study

5 hours for evaluation (Exam and defense of the course project)

5.5.Bibliography and recommended resources