

Academic Year: ( 2019 / 2020 )

Review date: 04-05-2018

Department assigned to the subject:

Coordinating teacher: AMESCUA SECO, ANTONIO DE

Type: Electives ECTS Credits : 3.0

Year : 1 Semester : 1

## OBJECTIVES

Competences:

- Students should know how to transmit clearly and without ambiguity the results of a scientific or technological research, both to a specialized or business people.
- Capacity critical analysis of scientists or technical documents in the field of Computer Engineering.
- Ability to undertake projects evaluation and process improvement taking into account the factors influencing them.

## DESCRIPTION OF CONTENTS: PROGRAMME

- Process Improvement Introduction
- Process Improvement Models: Architect and Components
- Types of Processes and Process Specification
- Process Evaluation and Software Organization Assessment

## LEARNING ACTIVITIES AND METHODOLOGY

Methodology:

Theory &amp; Practice Classes

Group Assignments &amp; Individual Assignments

## ASSESSMENT SYSTEM

There is an assignment for each student .

Students develop several evolutionary versions of their assignments

There are an evaluation of their progress

In the last week, students present their final version of their assignments

**% end-of-term-examination:** 60**% of continuous assessment (assignments, laboratory, practicals...):** 40

## BASIC BIBLIOGRAPHY

- null CMMI for development, Version 1.3, CMU/SEI-2010-TR-033.