uc3m Universidad Carlos III de Madrid

Digital Product Development

Academic Year: (2023 / 2024) Review date: 03-06-2023

Department assigned to the subject: Computer Science and Engineering Department

Coordinating teacher: GARCIA GUZMAN, JAVIER

Type: Electives ECTS Credits: 6.0

Year: Semester:

DESCRIPTION OF CONTENTS: PROGRAMME

- 1. Foundations and principles of Innovation and Digital Era
- 2. Life cycle of a digital product development
- 3. Agile Teams and Roles involved in the development of an innovative digital product
- 4. Methods and techniques for designing a Value Proposition for customers
- 5. Methods and techniques for the design, development, management and validation of digital products
- 6. Technologies for working as agile teams

ASSESSMENT SYSTEM

Ordinary call:

SE1. FINAL EXAM. In which the knowledge, skills and abilities acquired throughout the course will be globally assessed.

SE2. CONTINUOUS EVALUATION. It will assess the work, presentations, performance in debates, presentations in class, exercises, practices and work in the workshops throughout the course.

Extraordinary call:

Students who do not pass the course in the ordinary call will have an extraordinary call to pass the course:

- 1. If the student followed the continuous evaluation: the grade will be the one established in the program of the subject for the ordinary call. However, the student will have the right to be graded only with the grade obtained in the final exam if it is more favorable.
- 2. If the student did not follow the continuous evaluation: the grade will be the grade obtained in the final exam. However, the teacher may authorize the delivery of the exercises of the continuous evaluation in the extraordinary call, being evaluated in such case in the same way as in the ordinary call.

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