Social and Domestic Robots

Academic Year: (2021 / 2022) **Review date: 05-07-2021**

Department assigned to the subject: Systems Engineering and Automation Department

Coordinating teacher: SALICHS SANCHEZ-CABALLERO, MIGUEL

Type: Electives ECTS Credits : 3.0

Year : 1 Semester : 2

OBJECTIVES

- Knowledge of the state of the art of social and domestic robotics
- Knowledge of the bases of social and domestic robotics

DESCRIPTION OF CONTENTS: PROGRAMME

- Introduction.
- Technical problems.
- Applications of social robots.
- Social robots for users with special needs: children, seniors and the sick
- Robots for domestic work
- Intelligent houses. Integration of robotics and domotics.

LEARNING ACTIVITIES AND METHODOLOGY

Theoretical and experimental lectures, presentations of the students, individual tutorials and personal work of the student. The participation of the students will be promoted in all lectures.

% end-of-term-examination:	0
% of continuous assessment (assigments, laboratory, practicals…):	100