# uc3m Universidad Carlos III de Madrid

# Ethics and social implication of robotics

Academic Year: (2023 / 2024) Review date: 11-05-2022

Department assigned to the subject: Humanities: Philosophy, Language, Literature Theory Department

Coordinating teacher: BRONCANO RODRIGUEZ, FERNANDO

Type: Compulsory ECTS Credits: 3.0

Year: 4 Semester: 2

# **DESCRIPTION OF CONTENTS: PROGRAMME**

- 1 General introduction to the moral perspective
- 2 Hybridization of humans and robots: robot sociability
- 3 Principle and levels of responsibility
- 4 Principle of autonomy
- 5 Non-harm principle
- 6 Principio de control y trazabilidad
- 7 Dilemas morales y resolución de conflictos
- 8 Robots entre otros seres inteligentes

#### LEARNING ACTIVITIES AND METHODOLOGY

#### THEORETICAL PRACTICAL CLASSES.

Knowledge and concepts students must acquire. Receive course notes and will have basic reference texts. Students partake in exercises to resolve practical problems.

### TUTORING SESSIONS.

Individualized attendance (individual tutoring) or in-group (group tutoring) for students with a teacher. Subjects with 6 credits have 4 hours of tutoring/ 100% on- site attendance.

# STUDENT INDIVIDUAL WORK OR GROUP WORK.

Subjects with 6 credits have 98 hours/0% on-site.

# WORKSHOPS AND LABORATORY SESSIONS.

Subjects with 3 credits have 4 hours with 100% on-site instruction. Subjects with 6 credits have 8 hours/100% on-site instruction.

## ASSESSMENT SYSTEM

# FINAL EXAM.

Global assessment of knowledge, skills and capacities acquired throughout the course. The percentage of the evaluation varies for each subject between 60% and 0%.

## CONTINUOUS EVALUATION.

Assesses papers, projects, class presentations, debates, exercises, internships and workshops throughout the course. The percentage of the evaluation varies for each subject between 40% and 100% of the final grade.

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