uc3m Universidad Carlos III de Madrid

Technologies for disability

Academic Year: (2019 / 2020) Review date: 06-07-2019

Department assigned to the subject: Computer Science and Engineering Department

Coordinating teacher: MORENO LOPEZ, LOURDES

Type: Electives ECTS Credits: 3.0

Year: 4 Semester:

DESCRIPTION OF CONTENTS: PROGRAMME

- * Introduction. Disability and ICT
- * Assistive technology
- * Accessibility standards
- * Accessibility in HCI. User Interfaces
- * Accessibility in Engineering

LEARNING ACTIVITIES AND METHODOLOGY

Theoretical and practical methodology with very active student participation in the teaching model, with the activities of various kinds, to improve the learning inside and outside the classroom as well as with/without teacher supervision:

- Theory Lectures with the objective of acquire the cognitive specific competences. (PO a h j)
- Practical lectures: Academic activities supervised by the teacher. They develop instrumental/procedural and attitudinal specific competences as well as most of the transversal ones. They are supervised lectures guided and monitored through individual tutoring or in small groups. Students will support the resolution of use cases in different scenarios of information systems by applying methodological approaches with the acquired knowledge. (PO b c e k)
- Exam with the aim of influencing the development of specific cognitive and procedural competences. (PO a e k)

ASSESSMENT SYSTEM

Homework and exams in addition to serving as a training activity to encourage and improve learning serve the dual purpose of being measured for the assessment system. The assessment system includes the evaluation of academic activities in accordance with the following weighting:

- Exam: 60% (PO a, e, k)
- Supervised academic activities. Practical classes: 40% (PO b, c, e)

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