uc3m Universidad Carlos III de Madrid

Data engineering legal and ethical issues

Academic Year: (2018 / 2019) Review date: 08/06/2018 16:56:30

Department assigned to the subject: Public State Law Department Coordinating teacher: PEDRAZA CORDOBA, JUANITA DEL PILAR

Type: Compulsory ECTS Credits: 3.0

Year: 3 Semester: 2

OBJECTIVES

CB1: That students have demonstrated to possess and understand knowledge in an area of ¿¿study that starts from the base of general secondary education, and is usually found at a level that, although supported by advanced textbooks, also includes some aspects that they imply knowledge coming from the vanguard of their field of study. CB2: That students know how to apply their knowledge to their work or vocation in a professional manner and have the skills that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of ¿¿study

CB3: That students have the ability to gather and interpret relevant data (normally within their area of ¿¿study) to make judgments that include a reflection on relevant issues of social, scientific or ethical nature

CE17: Ability to know the security requirements (with emphasis on privacy) of big data environments and the consequent protection measures: techniques; organizational and legal, as well as knowing and managing encryption techniques and their use to ensure data security.

DESCRIPTION OF CONTENTS: PROGRAMME

- 1. Information society and telecommunications
- 2. Personal data protection
- 3. Information society services
- 4. The electronic Administration
- 5. Intellectual and industrial property
- 6. Online criminal and punitive law
- 7. Professional deontology and codes of conduct

LEARNING ACTIVITIES AND METHODOLOGY

The learning process is based on a practice-oriented education. Therefore, regular lectures will be supplemented with in-class analysis and discussion of cases and materials, which will facilitate the understanding and application of the legal concepts. Therefore, the teaching activities are divided into "lecture type" sessions (for the whole group) and case-oriented sessions or discussion groups (in small rooms). The activities carried out in small groups are subject to the ¿on-going¿ or continuing evaluation during the course.

- 1. In the lecturing sessions, the professor will present the main concepts and ideas, pertaining to each of the units or lessons in which the syllabus is divided.
- 2. Case-oriented sessions will provide a practical approach to the different topics, through the analysis and discussion of real cases or selected reading materials. In the small groups, the curricular activities might also include "multiple choice" tests or other types of exams, covering a part of the course program. Those activities will be duly announced by the professor in the "Aula Global" electronic website

ASSESSMENT SYSTEM

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

Normal sitting

The final grade to be obtained by the student shall take into account the mark obtained during the term in the practical compulsory sessions (up to a 40%), as well as the mark obtained in the theory exam (up to a 60 %).

Extraordinary sitting

If the student has followed the continuous valuation system, the exam shall represent the same percentage value as in the normal sitting (60%), and the final mark shall take into account the mark of the continued valuation (practical sessions) obtained during the semester. That is, the mark obtained in the practical part shall be kept and the student will only have to take the theory exam.

According to the current regulation, if the student has not followed the continuous valuation system, he shall be able to take the extraordinary sitting exam (theoretical exam, and practical exam).

BASIC BIBLIOGRAPHY

- DESCALZO ANTONIO Buen gobierno: ámbito de aplicación, principios generales y de actuación, infracciones disciplinarias y conflictos de intereses¿, en el libro colectivo Transparencia, acceso a la información y buen gobierno, Tecnos, 2014
- GUICHOT, EMILIO Transparencia y acceso a la información en el Derecho europeo, Derecho Global , 2014
- PITSCHAS, Rainer. Derecho administrativo de la información ¿, en Innovación y Reforma en el Derecho administrativo, Derecho Global , 2013