# uc3m Universidad Carlos III de Madrid

# Information technology law

Academic Year: ( 2023 / 2024 ) Review date: 27-04-2023

Department assigned to the subject: Public State Law Department Coordinating teacher: SERNA BILBAO, MARIA NIEVES DE LA

Type: Electives ECTS Credits: 3.0

Year: Semester:

## REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

Those required by the title

### **OBJECTIVES**

- 1. Know basically the incidence of technology in certain sectors of Law
- 2. Understand and analyze the existing legislation in certain areas in which technology has influenced, its evolution and future perspectives
- 3. Work with existing administrative organizations to ensure recognized and protected rights
- 4. Be able to search for regulations, resolutions and jurisprudence related to the topics covered.
- 5. Be respectful with the use of technology and the rights of people
- 6. Arouse interest in the legal problems that technologies present and seek solutions
- 7. Solve basic problems posed by some uses of technologies

### **DESCRIPTION OF CONTENTS: PROGRAMME**

PROGRAM RIGHT OF INFORMATION TECHNOLOGY (OPTIONAL)

## **GRADE IN LAW**

Topic 1: Legal informatics, computer law and computer security.

Topic 2: Data Protection at European level

Topic 3: Data Protection in Spain

Topic 4: Administrative Transparency

Topic 5: The Information Society or Social Networks

Topic 6: The electronic signature

Unit 7: Electronic Administration. New ways of relating

Topic 8: Penalty and criminal law and information technologies

#### LEARNING ACTIVITIES AND METHODOLOGY

The continuous assessment system is based on a practice-oriented teaching that aims to reinforce the learning of the theory through direct experience in cases that should facilitate the understanding and management of its content.

The academic activities are divided into Master Lessons (large group) and Practice Sessions (small groups).

- 1. Lectures (Large Groups), in which the general lines of the matter of the corresponding topic will be presented.
- 2. Practical Sessions (Small Groups), in which specific activities are developed through which a practical vision of the content of the topics will be offered. The activities to be developed will be specified and published in a global classroom at the beginning of the course by each teacher and will always be oriented to practice that aims to reinforce the learning of the theory through direct experience in cases that should facilitate the understanding and management of its content.

# B) METHODOLOGY TO BE USED

Lectures in class by the teacher with the support of computer and audiovisual media, in which the main concepts of the subject are developed that will serve as a conceptual and analytical basis in connection with the objectives set and with the documentation provided for the study and the bibliography is provided to complement student learning.

Critical reading of texts recommended by the professor of the subject: Press articles, reports, manual resolutions and / or academic articles,

either for later discussion in class, or to broaden and consolidate the knowledge of the subject.

Presentation and discussion in class, under the moderation of the teacher, of topics related to the content of the subject, as well as proposed practical cases

## Group or individual work

- . The case studies that arise in the theoretical-practical session may be developed by the students in groups or individually. In general, students must upload the cases worked and analyzed to the Global Classroom within the period indicated by the teacher.
- . Students must actively participate in the theoretical-practical sessions proposed by the professor.

The tutorials will be held at the time and under the conditions determined by the teacher in Aula Global.

If new extraordinary measures are adopted that require distance teaching, it will continue to be taught under the same conditions initially foreseen (with the same programming, methodology, activities, etc.), although all practical sessions will be taught online.

#### ASSESSMENT SYSTEM

The global evaluation of the subject will be established by the teacher at the beginning of the semester and will be a continuous evaluation.

The evaluation will be carried out from the weighting of the qualifications obtained in the activities developed throughout the semester and includes a multiple-choice control or questions to be developed at the end of the semester.

The activities not carried out during the continuous evaluation will be scored with a 0.

Students who do not take the final exam, whether in the ordinary or extraordinary session, will appear as not presented.

% end-of-term-examination:

% of continuous assessment (assigments, laboratory, practicals...):

## **BASIC BIBLIOGRAPHY**

- ANDREA OTTOLIA DERECHO, BIG DATA, INTELIGENCIA ARTIFICIAL, TIRANT LO BLANCH, 2019
- Aurelio López Tarruella Martínez Derecho TIC , Tirant lo blanch , 2016
- Barrio Andres, Moises Fundamentos del Derecho de Internet , Centro de Estudios Políticos y constitucionales , 2017
- DE LA SERNA, M.N FONSECA F., GALÁN C OPEN COURSE UC3M -DERECHO PUBLICO- DERECHO DE LAS TECNOLOGIAS DE LA INFORMACION, http://ocw.uc3m.es/derecho-administrativo/derecho-de-las-tecnologias-de-la-informacion, 2021
- Finocchiaro, Giusella Artemi Rallo Lombarte Rosario García Mahamut Hacia un nuevo derecho europeo de la protección de datos personales , Tirant lo blanch , 2015
- JAVIER APARICIO SALOMON, MARIA LASO ESTUDIO SOBRE LA PROTECCIÓN DE DATOS, ARANZADI-THOMSON, 2019 5ª EDIC
- Moises Barrio Andres Derecho de los robots, Wolters Kluwer, 2018
- Pablo Garcia Mexia Derechos y libertades, internet y tics, Tirant Lo blanch, 2014
- SOLAR CAYON JOSE IGNACIO LA INTELIGENCIA ARTIFICIAL JURIDICA, ARANZADI, 2019

#### ADDITIONAL BIBLIOGRAPHY

- FONSECA FERRANDIS, F Ambito de aplicación supletoria de la LOPD, en Comentarios a la LOPD. , Thomson, Civitas, 2011
- Valero Torrijos, J, El Régimen Jurídico de la e-Administración,, Comares, Granada, 2008..
- de la SERNA BILBAO, M N. Fuentes accesibles al público, en Comentarios a la Ley Orgánica de Protección de datos de carácter personal, Thomson- Civitas, 2011
- de la SERNA BILBAO, M N. Despliegue de redes e infraestructuras de telecomunicaciones e intereses generales, lustel. 2009
- de la SERNA BILBAO; MN, La Agencia de Protección de datos española: con especial referencia a su característica de independiente;, Actualidad Aranzadi,.

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# **BASIC ELECTRONIC RESOURCES**

- DE LA SERNA FONSECA GALAN GUTIERREZ . OPEN COURSE UC3M: http://ocw.uc3m.es/derechoadministrativo/derecho-de-las-tecnologias-de-la-informacion