

Academic Year: (2021 / 2022)

Review date: 04-06-2021

Department assigned to the subject: Public State Law Department

Coordinating teacher: SERNA BILBAO, MARIA NIEVES DE LA

Type: Compulsory ECTS Credits : 3.0

Year : 1 Semester : 2

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

those required by the title

OBJECTIVES

- Ability to identify the legislation, regulation and standardization of the IoT.
- Acquire basic knowledge in essential legal issues
- Know how to communicate their conclusions and knowledge and basic reasons related to the legal field with which they work
- Know and apply the law and legal aspects of IoT.
- Know the models and reference structures of IoT.
- Ability to analyze, design and control systems and services
- Know the security risks of an IoT environment.
- Know the physical security measures applicable to mobile devices.
- Know and apply the fundamental techniques for protecting information stored on mobile devices.
- Master the main existing security protocols for mobile communications and their application spectrum.

DESCRIPTION OF CONTENTS: PROGRAMME

Legal and business aspects program

- 1.- Introduction to IOT
- 2.- Legal regulation of the IOT.
- 3.- Privacy and Data Protection in IOT
- 4.- Security in the IOT.

LEARNING ACTIVITIES AND METHODOLOGY

TRAINING ACTIVITIES OF THE STUDY PLAN REFERRED TO SUBJECTS

- AF1 Theoretical class
- AF4 Practical cases
- AF6 Group work
- AF7 Individual student work
- AF8 Partial checks
- AF8 Final Exam

The methodology used will be through face-to-face classes that will be held in accordance with the schedule approved for the subject by the Master's Directorate.

To facilitate the follow-up of the classes, the materials for each Global Classroom Lesson will be uploaded, as well as the practical exercises and assignments.

TUTORIAL REGIME

Tutorials will be provided by email or through the bb collaborate platform, at the times indicated in AULA GLOBAL either individually or in groups.

ASSESSMENT SYSTEM

The evaluation system of the subject will be 100% continuous evaluation.

It will be done through the realization of practical cases

The works that the professor determines will pursue that all the contents of the program are worked and it will be valued

- Class participation
- Individual or group work carried out during the course
- Any other determined by the teacher

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

BASIC BIBLIOGRAPHY

- - CARLOS GALAN PASCUAL El Real Decreto-ley de Seguridad de las redes y de los sistemas de información, El Real Decreto-ley de Seguridad de las redes y de los sistemas de información Carlos Galán Pascual Revista SIC: ciberseguridad, seguridad de la información y privacidad, ISSN 1136-0623, Vol. 27, Nº. 132, 2018, págs. 98-100, 2018
- - CARLOS GALAN PASCUAL ¿El Derecho a la Ciberseguridad, cOoords. Tomás de la Quadra Salcedo y José Luis Piñar Mañas., (BOE, BOE, 2018)
- - MOISES BARRIO ANDRES Hacia una personalidad electrónica para los robots, Revista de derecho privado, ISSN 0034-7922, Año nº 102, Mes 2, 2018, págs. 89-107, 2018
- Agustín Madrid Parra María Jesús Blanco Sánchez Derecho mercantil y tecnología , Aranzadi Thomson Reuters ISBN 9788490992142; ISBN 9788490992166 (cub., 2018)
- CARLOS GALAN La certificación como mecanismo de control de la inteligencia artificial en Europa, Documento de Opinión 46/2019, 2019
- Cerrillo Martínez, A Y Peguera Poch, M; Retos jurídicos de la inteligencia artificial, Ed Aranzadi, 2020 ISBN: 9788413465821, 2020
- Dirección Huergo Lora, Alejandro ; La regulación de los algoritmos;, Ed Aranzadi, 2019, ISBN: 9788413450964, 2019
- Moises Barrio Andrés internet de las cosas, Reus 2018 ISBN 9788429020380, 2018 ISBN 9788429020380
- SOLAR CAYON JM LA INTELIGENCIA ARTIFICIAL JURÍDICA EL IMPACTO DE LA INNOVACIÓN TECNOLÓGICA EN LA PRÁCTICA DEL DERECHO Y EL MERCADO DE SERVICIOS JURÍDICOS, ARANZADI, 2019
- Solución para garantizar la privacidad en internet de las cosas Sánchez Alcón, José Antonio ; López Santidrián, Lourdes ; Fernán Martínez, José , ISSN: 1386-6710 El profesional de la información, 2015, Vol.24(1), pp.62-70 , 2015
- VVAA DIR. TRONCOSO REIGADA Comentario al Reglamento General de Protección de Datos y a la Ley Orgánica de Protección de Datos personales y Garantía de los Derechos Digitales, Civitas, 2021, ISBN: 978-84-9197-927-2, 2021
- Wolfgang Hoffmann-Riem Antonio López Pina Big Data : desafíos también para el Derecho , Civitas Thomson Reuters 2018 ISBN 9788491979142; ISBN 9788491979159 (cub.), 2018

BASIC ELECTRONIC RESOURCES

- AEPD . AEPD: <http://https://www.aepd.es/>
- AGENCIA CATALANA DE PROTECCION DE DATOS . ACPD: <http://https://apdcat.gencat.cat/es/inici/>
- AGENCIA VASCA PROTECCION DE DATOS . AVPD: <http://www.avpd.euskadi.eus/s04-5213/es/>
- COORD MARIA NIEVES DE LA SERNA BILBAO . DERECHO DE LAS TECNOLOGIAS DE LA INFORMACIÓN: <http://http://ocw.uc3m.es/derecho-administrativo>
- ENATIC . La piedra angular del Internet de las cosas: <https://www.abogacia.es/2015/02/16/la-piedra-angular-del-internet-de-las-cosas/>
- GALAN PASCUAL Y OTROS . ¿La Enciclopedia de los Servicios de Certificación para las administraciones locales?: http://http://femp.femp.es/files/566-2392-archivo/ID_Digital_VDigital.pdf