

Legislation

Code: 102745
ECTS Credits: 3

Degree	Type	Year	Semester
2502441 Computer Engineering	OB	3	2

Contact

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Use of Languages

Principal working language: catalan (cat)
Some groups entirely in English: No
Some groups entirely in Catalan: Yes
Some groups entirely in Spanish: No

External teachers

Eduard Fermin

Prerequisites

There are no prerequisites

Objectives and Contextualisation

Objective.

The aims of the assignatura consist in the acquisition of the following knowledges and skills:

1. Knowledges:

- Discover and discern the juridical implications of the technology
- Learn about the fundamental juridical frames that are of application to the field TIC
- Distinguish the lawful facts of the illicit
- Know the different gravity of the illicit penal computer

2. Skills:

In the field of the TIC:

- Identify the values protected to the existent legislation
- Identify the technological controls that emanate of the valid legislation
- Distinguish the normative conflicts
- Detect the commission of illicit facts

- Analyse the legal frame and take decisions in front of possible illicit facts
- Incorporate the legal requirements in the design of projects or services TIC

Competences

- Acquire personal work habits.
- Act ethically and professionally.
- Analyse and evaluate the social and environmental impact of technical solutions and understand the ethical and professional responsibility of the activity of an IT engineer.
- Capacity to design, develop, select and evaluate computer applications and systems, ensuring reliability, security and quality, in accordance with ethical principles, and applicable standards and legislation.
- Have the capacity to produce a list of technical conditions for a computer system that fulfils applicable standards and regulations.
- Know the standards and regulations regarding computers in the national, European and international fields.
- Know, understand and apply the necessary legislation when exercising the profession of an IT engineer and manage compulsory specifications, regulations and standards.

Learning Outcomes

1. Assume and respect the role of the various team members , as well as different levels of dependence on the team.
2. Critically evaluate the work done.
3. Discover and filter the social implications and polyvalence of technologies.
4. Identify the regulations (laws, standards) susceptible to application to a computer system.
5. Know and understand the technical conditions sheet of a computer system.
6. Know the legislative and normative framework in relation to the IT profession in the pertinent field.
7. Respecting the diversity and plurality of ideas, people and situations.
8. Understand and know the current ethical principles, legislation and regulations applicable to computer systems.
9. Understand the legislative and normative framework in relation to the IT profession.

Content

Contents

Along the course will treat the following thematic:

- Introduction to the Right and General Juridical Considerations
- Data protection normative
- Control TIC in the Labour Field
- Electronic trade (LSSI-CE)
- Law of Intellectual Property
- National diagram of Security
- Electronic signature and Digital Certificates
- Cybercrime And Technological Crimes
- Expert's Computer and Technological Report

- Normative PCI-DSS (Method of Payment)
- Norma ISO 27001 (System of Management of Security of the Information)
- Current subjects in the Field Legal TIC

Methodology

The work that has to realise the student for the learning of the contents in this course requires of the realisation of two types of activities:

1. Theoretical sessions: the teacher will expose the contained referents to the thematic to treat, doing take part to the students in the legal reflections that considered. These sessions contribute the basic contents that the students have to attain and that they find collected to the program. To the same time, in these sessions, indicate the possible roads to complete or go in depth about the information received.

2. Practical sessions: these sessions have for aim to put in practical of the concepts explained at the theoretical sessions using the methodology of resolution of practical cases. They divide in two types:

2.1. Activities no assessment: it will propose a case to the start of the session which, using the technical and the materials referred by the teacher, it will be necessary to resolve in small groups or individually. Before end the class, will argue the solution, contributing the points of students and professor.

2.2 Activities assessment: like activities of continuous-assessment, will propose an examination of knowledges, preferably individual, on the one hand and a practical activity, using the materials referred by the teacher, that it will be necessary to resolve or individually or in small groups. To the end of the session it will be necessary to deliver the solution proposed. In back sessions will argue and will resolve the case in common.

At the end of the course will carry out a test of final evaluation to realise of individual shape. Through this test will value the degree of attainment of the concepts worked during the course.

Transversal competitions. It will be worked and evaluated in several moments along the course. Specifically:

T02.08 Assess by critical way the work realised: through the practical cases where considerer real situations to resolve using the legislation explained to the theoretical sessions as well as to the final test.

T05.01 Assume the social responsibility, ethical, professional and legal, if it happens, that derive from the practical of the professional exercise: through the knowledge of the applicable legislation and of the consequences of its default, that will work in all the activities of the subject (theory, practical and tests assessments).

T05.02 Respect the diversity and the plurality of ideas, people and situations: through the debates that will generate so much to the theoretical sessions as a the practical sessions

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Final Test	2	0.08	1, 2, 9, 8, 6, 4
Practical Sessions	10	0.4	1, 2, 9, 8, 6, 5, 3, 4, 7
Theoretical Sessions	15	0.6	1, 2, 9, 8, 6, 5, 3, 4, 7
Type: Supervised			

Assessment

Criteria

Both the knowledge acquired by the student in relation to the objectives set in the subject and the degree to which the skills and competences that are to be developed will be taken into account.

a) Scheduled assessment process and activities

The subject will be evaluated by intermediating:

In addition to the final evaluation test, there will be two continuous assessment activities. A partial knowledge exam with a value of 30% and a practical activity that can be evaluated with a value of 20%, to be delivered individually or in a group (according to the teacher's instructions). The notes of each session will be published within a few days of making them, and the sessions will be resolved later in group sessions. In case a student can not attend any session for a justified reason, he / she will have to notify the teacher two days in advance and provide the corresponding proof.

A final evaluation test that will be worth the remaining 50%: to be delivered individually.

It will be necessary to have, at least, 3.5 of the partial test of knowledge and of the practical activity that can be evaluated, and that the grade of the final evaluation test is greater than or equal to 5. In case of not reaching the minimum required in some of the evaluation activities, if the calculation of the final grade is equal to or greater than 5, a 4.5 note will be placed on the file, the subject will be suspended.

There will be a second assessment of recovery only for those students who do not reach a 5 of the final grade of the subject, once the percentages of the entire evaluation process are weighted: 50% of the EC (partial test, 30% + practical case, 20%) + Final Test (50%). It does not serve to raise the note. Those students who do not attend the final test and, at least one of the EC tests, will not be entitled to recovery.

There is no special treatment for repeating students.

b) Programming assessment activities

The dates of the continuous assessment sessions will be published in the virtual space of the Virtual Campus subject and may be subject to programming changes for reasons of adaptation to possible incidents. Always be informed in the virtual space about these changes since it is understood that it is the usual mechanism of exchange of information between teacher and students.

c) Recovery process

The student can present himself to the recovery whenever he has submitted to a set of activities that represent a minimum of two thirds of the total grade of the subject. That is, to the final evaluation test (compulsory) + one of the two activities of the continuous evaluation. There will be no recovery of activities for students who have suspended the continuous evaluation.

d) Procedure for reviewing the qualifications

The continuous assessment activities will be reviewed in group sessions after the publication of the notes. The final evaluation test will be reviewed in an individual tutoring with the interested student.

e) Qualifications

- The grade of Not Evaluable will only be given to those students who do not participate in the evaluation activities according to the evaluation process.

- The teacher can assign the Honor Roll grade to those students who have excelled throughout the course, both for the grades obtained in the practical sessions and final test, as well as for their participation in class. In order to qualify for the Honors Enrollment qualification, a minimum grade of 9 will be required at the end of the course.

f) Irregularities by the student, copy and plagiarism

Without prejudice to other disciplinary measures deemed appropriate, and in accordance with current academic regulations, irregularities committed by a student that may lead to a variation of the grade will be scored with a zero (0). For example, plagiarizing, copying, letting copy, etc., an evaluation activity, will imply suspending this evaluation activity with a zero (0). The evaluation activities qualified in this way and by this procedure will not be recoverable. If it is necessary to pass any of these evaluation activities to pass the subject, this subject will be suspended directly, without the opportunity to recover it in the same course.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Final Test	50%	0	0	1, 9, 8, 6, 5, 3, 4
Two Continuous-Assessment	50%	0	0	1, 2, 9, 8, 6, 5, 3, 4, 7

Bibliography

Basic bibliography

- Morón Lerma, E. (1999). *Internet y derecho penal: hacking y otras conductas ilícitas en la Red*. Aranzadi (2ª 2d. Rev. 2002).
- Littlejohn Shinder, D. (2003). *Prevención y detección de delitos informáticos*. Anaya Multimedia.
- Orts Berenguer, E.; Roig Torres, M. (2001). *Delitos informáticos y delitos comunes cometidos a través de la informática*. Echando lo Blanch
- Muñoz Machado, S. (2000). *La regulación de la red. Poder y derecho en Internet*. Taurus.
- Pompeu Casanovas (ed.) (2003). *Internet y pluralismo jurídico: formas emergentes de regulación*. Parteras.
- De Miguel Asensio, Pedro A. (2015): *Derecho privado de internet*, editorial Civitas, Madrid.
- Soler, Pere; Piattini, Mario; Elias, Eduard (decir). (2016): *Manual de Gestión y contratación informática (comentarios, jurisprudencia actualizada y formularios de contratos comentados, modelos oficiales del COEINF)*, editorial Aranzadi, Pamplona.

With independence of this bibliography, the teacher will give what was more convenient and up to date, in conjunction with the normative and legal texts. Apart from that the teacher will be able to indicate the obligatory reading matter study, and those who are merely recommended.

Links web

- Agencia Española de Protección de Datos: <http://www.agpd.es/>
- Instituto Nacional de Ciberseguridad: <https://www.incibe.es/>
- Centro Criptológico Nacional: <https://www.ccn-cert.cni.es/>
- Portal Firma Electrónica: <http://firmaelectronica.gob.es/>
- Código Derecho Ciberseguridad: https://www.boe.es/legislacion/codigos/abrir_pdf.php?fich=173
- Esquema Nacional de Seguridad: <https://www.ccn-cert.cni.es/ens.html>
- <http://www.wipo.int/portal/es/> It is the portal of the world-wide organisation of the property intellectual
- Norma PCI DSS (methods of payment): <https://pcisecuritystandards.org>
- Norma ISO 27001 (system of management of the security of the information): <http://www.iso.org/iso/home/standards/management-standards/iso27001.htm>