Computer engineering legal and ethical issues

Academic Year: (2020 / 2021)   **Review date: 21-07-2020**

Department assigned to the subject:

Coordinating teacher: SERNA BILBAO, MARIA NIEVES DE LA

Type: Compulsory ECTS Credits : 3.0

Year : 1 Semester : 1

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

Neither

OBJECTIVES

Specific powers of the matter:
1.- Ability to identify data protection regulations (national and European) and evaluate the application thereof and, in particular, adopt appropriate security measures.
2.- Ability to understand and apply ethical responsibility and professional deontology of the activity of the Computer Engineer profession.
3.- Know the regulations governing application in Computer Engineering.

DESCRIPTION OF CONTENTS: PROGRAMME

PROGRAM
1. Computers and Law.
2. Protection of Personal Data .
3. Services Information Society and Electronic Contracting .
4. Electronic Signature and Electronic Administration .
5. Intellectual Property.
6. Criminal and penal law in the Internet age .
7. Computer Professional Ethics : Codes of Conduct.

LEARNING ACTIVITIES AND METHODOLOGY

   ALL TEACHING IS TAUGHT IN THE SYNCHRONOUS AND INTERACTIVE ONLINE MODE THROUGH BLACKBOARD COLLABORATE

FORMATION ACTIVITIES
Master classes in which the main concepts of the subject are developed and the bibliography is provided to complement the learning of the students
Practical classes:
-Critical reading of texts recommended by the teacher of the subject: newspaper articles, reports, manuals and / or academic articles, either for later discussion in class, or to expand and consolidate the knowledge of the subject.
-Resolution of practical cases, problems, etc. raised by the teacher individually or in groups
-Exhibition and discussion in class, under the teacher's moderation of topics related to the content of the subject, as well as practical cases
-Preparation of works and reports individually or in groups

TEACHING METHODOLOGIES
-Exhibitions in the teacher's class with computer and audiovisual media support. Carrying out practical cases individually or in groups

Due to the pandemic situation, Covid 19-, classes will be taught online through the tools and platforms provided by the University for the transition to online training through Blackboard Collaborate. Also, Aula Global (Moodle) will be used. In accordance with the above, the methodology used determines the substitution of face-to-face classes for virtual classes through Blackboard Collaborate. These virtual classes will be held according to the schedule approved for the subject by the Master's Office.
To facilitate the monitoring of the classes, the materials for each lesson will be uploaded in the global classroom, 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 established in AULA GLOBAL either individually or in groups.

ASSESSMENT SYSTEM

The mission of the evaluation is to know the degree of fulfillment of the learning objectives, for this reason all the work of the student, individual or collective, will be valued through the continuous evaluation of their activities through exercises and exams, practical work and other activities. academic training.
A formative evaluation will be carried out through continuous feedback, which allows evaluating what the student knows and what is expected of him.
The final grade will take into account the student's individual activities and team activities. The assessment of the activities carried out during the course, individual or in group, will be exposed by the teacher at the beginning of the course and posted in AULA GLOBAL.

The evaluation will be carried out using the tools available by the UC3M OR those indicated by the professor
Extraordinary evaluation
In this evaluation there will be a final exam.

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

BASIC BIBLIOGRAPHY

 - DE LA SERNA, FONSECA, GALAN, GUTIERREZ DERECHO DE LAS TECNOLOGIAS DE LA INFORMACION, OPEN COURSE WARE UC3M http://ocw.uc3m.es/derecho-administrativo/derecho-de-las-tecnologias-de-la-informacion, 2014

BASIC ELECTRONIC RESOURCES

 - DE LA SERNA, FONSECA, GALAN, GUITIERREZ . DERECHO DE LAS TECNOLOGIAS DE LA INFORMACIÓN: //http://ocw.uc3m.es/derecho-administrativo/derecho-de-las-tecnologias-de-la-informacion