

Academic Year: ( 2022 / 2023 )

Review date: 20-06-2022

Department assigned to the subject: Transversal matters

Coordinating teacher: LUIS GARCÍA, JUAN

Type: Compulsory ECTS Credits : 6.0

Year : 4 Semester : 1

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

Forensic Science I

**OBJECTIVES**

- To apply correctly the methods, procedures and technics of research in order to resolve crimes.
- Knowing the methods, procedures and technics of research that, from the point of view of the current technology, help the resolve of crimes.

**DESCRIPTION OF CONTENTS: PROGRAMME**

Technologies applied to the obtaining of data and evidences. Identification of documents and objects: Automated system of investigation (Ballistic and Toolmarks), computer graphics. Methodology and procedures based on quality assurance. Scientific intelligence. Forensic Reports.

**LEARNING ACTIVITIES AND METHODOLOGY**

Activities on-line and in-person are including with the help of teachers.

- ECTS face-to-face: 2.4 credits of each subject of 6 ECTS are suitable for workshops with the help of teachers (lecturers, classes for resolving problems and doubts in reduced groups, laboratory sessions, presentations made by students).
- ECTS on-line: 3.6 credits of each subject of 6 ECTS are suitable for personal working of the students (studies, producing of reports, tests, and so on).

The half of learning activities (3ECTS of each 6 ECTS subjects) are aimed to the adquisition of theoretical knowlegment. The rest of credits are aimed to the adquisition of practical abilities in relation to the programme of each subject.

**ASSESSMENT SYSTEM**

The evaluation system includes the partial evaluation of the student's work (work, laboratory practice reports and/or tests to evaluate skills and theoretical and practical knowledge) and the final evaluation through a final written examination in which the knowledge, skills and abilities acquired during the course will be evaluated in a global way. Therefore, the percentages assigned in the course will be the following: 60% (partial assessment) and 40% (final assessment).

Within the partial assessment, the subject is divided into three different Didactic Units (UD 1, UD 2, UD 3) that will have the same specific weight (arithmetic mean), and each UD will consist of papers and/or tests of theoretical-practical evaluation (partial exams). In the event that there are papers and partial exams within the same DU, the specific weight of each paper in that DU will be the following: 60% (partial exam) and 40% (homework).

With regard to the final assessment, all students must take a final written examination, which will have the value specified in the initial paragraph.

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

**BASIC BIBLIOGRAPHY**

- Antón Barberá, F., J.V. De Luis y Turégano Manual de Técnica Policial, Policia, 1991
- Bodziak, W.J. Footwear Impression Evidence, CRC Press, 2000
- BÁÑEZ PEINADO, José TÉCNICAS DE INVESTIGACIÓN CRIMINAL, Dykinson S.L., 2012
- Moreno González, L.R. Balística forense, Mexico, 1986
- Sáez Martínez, Julio CIENCIAS FORENSES II: Grafística. Fundamentos. , CENTRO UNIVERSITARIO DE LA GUARDIA CIVIL, 2018
- VERON BUSTILLO, EMILIO JAVIER CIENCIAS FORENSES II (PARTE I): BALISTICA Y TRAZAS INSTRUMENTALES, CENTRO UNIVERSITARIO DE LA GUARDIA CIVIL, 2016