

Teaching guide

IDENTIFICATION DETAILS

Degree:	Criminology		
Scope	Law and legal specialties		
Faculty/School:	Law, Business and Government		
Course:	FORENSIC SCIENCES I		
Type:	Compulsory	ECTS credits:	6
Year:	1	Code:	6117
Teaching period:	Second semester		
Subject:	Foundations of Criminology		
Module:	Criminology		
Teaching type:	Classroom-based		
Language:	Spanish		
Total number of student study hours:	150		

SUBJECT DESCRIPTION

Criminalistics is an interdisciplinary science whose objective is the discovery, explanation and proof of crimes, as well as the verification of their perpetrators and victims, and makes use of scientific knowledge, applying different procedures and research techniques to reconstruct the facts.

The set of auxiliary disciplines that compose it are called forensic sciences, and their purpose is to aid justice.

Criminalistics is a discipline of Criminal Law that is responsible for demonstrating and explaining a crime, determining its perpetrators and their participation, through a set of procedures, techniques and scientific knowledge. By means of criminalism, the events that have taken place are recreated and what happened in a crime committed by one or more people is scientifically demonstrated. Criminal activity includes detailed activities

and procedures to demonstrate and recreate in a correct and effective manner the events that occurred, using the instruments and weapons used in the act and, always based on scientific knowledge and techniques to identify the perpetrators of the crime. Criminal techniques are verifiable, which gives a large percentage of certainty that what was demonstrated was what actually happened, that is, it is the truth of the facts proven through scientific knowledge. The search for the truth in a criminal act is based on a set of basic and fundamental principles that govern criminalism, including: The preservation of the place of the act or crime committed. Careful observation of the place of events, as well as their fixation. The survey of all the evidence found continues, which are sent to the laboratory for analysis. Finally, the chain of custody of the evidence and evidence found.

GOAL

At the end of this course, the student will be able to identify the different phases in which the research is carried out, taking into account the characteristics of each stage, in order to guarantee the legal validity of the results obtained.

In the same way, you will have knowledge of the main sciences that encompass criminalism.

The necessary knowledge will be obtained so that a test can have legal validity, since the samples must be handled under certain safety conditions in order to guarantee the analytical result.

The student will be able to identify the organization of the police forces and the importance of the expert report, delving into the daily work of the different forensic laboratories.

PRIOR KNOWLEDGE

No previous knowledge is necessary

COURSE SYLLABUS

Theme 1 - Criminalistics
Topic 2 - Criminal Investigation
Topic 3 - Crime Scene
Topic 4 - Research Phases
Topic 5 - Forensic Laboratories
Topic 6 - Lofoscopy
Topic 7 - Dactyloscopy
Theme 8 - Ballistics
Topic 9 - Computer Forensics

EDUCATION ACTIVITIES

A mixed methodology based on attendance and participation in theoretical classes and practical classes, as well as on the student's personal research and reflection, will be used in this subject.

FACE-TO-FACE WORK

Expository classes: explanation of the subject by the teacher, the points of greatest interest and difficulty will be explored in depth.

Practical classes: study, analysis and evaluation of real or simulated cases that allow the student to put into practice the theoretical knowledge previously acquired.

Paper presentation: oral presentation of research papers prepared individually and/or collectively, with the objective of promoting the understanding and assimilation of the different concepts previously acquired and the development of the student's argumentative and critical capacity.

Text commentary: reading, analysis and commenting on real case texts so that students develop their capacity for criticism, argument, analysis and synthesis.

Debates: on real cases, so that the student learns to debate issues of interest, exchanging opinions, accepting contrary opinions, stating reasons and arguments, learning to listen and counterargue, detecting the weak and strong points of the arguments presented.

TUTORIALS

A) Personalized: individualized attention to the student with the objective of reviewing, clarifying and debating the issues presented and raised in the classes and any questions that may have arisen.

B) In a group: attention and advice to students who work in groups for the development of their work.

Exams: as tests that allow us to assess and evaluate the acquisition of certain competencies, mainly of a cognitive nature, associated with the subject.

AUTONOMOUS WORK

Theoretical study: study of the theoretical contents of the course program and preparation of recommended readings

Practical Study: solving practical cases and carrying out individual and collective work.

Individual research work: a project carried out by the student on a specific topic previously assigned, for which he must manage the necessary documentary and practical sources.

Group research work: a project carried out by a group of students on a specific previously assigned topic, for which they must manage all the necessary documentary and practical sources.

DISTRIBUTION OF WORK TIME

TEACHER-LED TRAINING ACTIVITIES	INDIVIDUAL WORK
60 Horas	90 Horas

SKILLS

Basic Skills

Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study.

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience

Students must have developed the learning skills needed to undertake further study with a high degree of independence

To be familiar with and apply analytical techniques and procedures for research in problem-solving, decision-making and issue of reports concerning issues submitted for consideration in the field of criminology.

To research, manage sources and handle information.

General Skills

To be familiar with and apply analytical techniques and procedures for research in problem-solving, decision-making and issue of reports concerning issues submitted for consideration in the field of criminology.

To research, manage sources and handle information.

Specific skills

Analyze and select data to provide the Judge with scientific knowledge about the crime being prosecuted, providing medical-legal and criminalistic explanations

LEARNING RESULTS

The student will be able to interpret Expert Reports and evaluate their content

LEARNING APPRAISAL SYSTEM

The student will be evaluated according to the criteria of the so-called 'continuous evaluation' system, through the estimation and overall weighting of the following areas, to which the following percentages of the grade are designated:

FIRST CALL:

FINAL EXAM: It will consist of taking a test, either written or oral, with a value of 60% of the grade of the subject. The exam will cover questions from the program that have been explained by the teacher or analyzed in class.

WORKS: 30% of the final grade. They will be carried out throughout the course, following the teacher's instructions.

PARTICIPATION IN THE TRAINING ACTIVITIES PROPOSED BY THE TEACHER: 10%. The participation and interest demonstrated in class will be valued, especially in the training activities that are organized and in debates, the student's critical judgment and an argumentative capacity, critically placing himself before the social reality; their ability to solidly defend their position out of respect for the positions of others, and their understanding of the subject.

For the application of all the percentages with which the subject is graded globally, it is mandatory to pass the exam, as well as to obtain a minimum score of five (5) in the activities or works indicated as mandatory by the teacher.

SECOND CALL AND ACADEMIC WAIVER:

The student who is in this situation must present the papers and practical cases indicated by the teacher if they have not submitted them during the course or if they have not passed, as well as take the exam of the subject.

FINAL EXAM: It will consist of taking a test, with a value of 60% of the grade of the subject.

WORKS: 40% of the final grade. These works will be carried out specifically for this call.

For the application of all the percentages with which the subject is graded globally, it is mandatory to pass the exam.

HONORARY ENROLLMENT:

It is the exclusive right of the teacher of this subject, in recognition of excellence, to grant this distinction or not, in accordance with the criteria of academic regulations and provided that the student has demonstrated special proactivity, mastery of the subject, capacity to interact with the rest of the disciplines of the Degree, autonomous research capacity, etc.

If there are two or more candidates eligible to receive this recognition, the subject teacher will convene a court composed of professors of the same or similar subject, for the purpose of orally examining the candidates. The court, after having heard the students, will decide which of them will receive the Honorary Enrollment, or, if appropriate, will declare the call void.

RELEVANCE:

The lack of assistance must be justified.

The exams will be carried out in person as long as the health situation allows it, and may be modified in order to comply with the instructions given by the health authorities.

In the event of confinement, the evaluation system will be maintained.

All tests susceptible to evaluation will be subject to the provisions of the UFV Evaluation Regulations.

BEHAVIORS THAT DISAPPOINT THE SYSTEM FOR VERIFYING ACADEMIC PERFORMANCE, SUCH AS PLAGIARISM OF PAPERS OR COPYING IN EXAMS, ARE CONSIDERED SERIOUS OFFENSES ACCORDING TO ARTICLE 7 OF THE REGULATIONS ON COEXISTENCE OF THE UFV AND APPROPRIATE SANCTIONS WILL BE APPLIED, AS STATED IN ARTICLE 9 OF THE SAME DOCUMENT.

ETHICAL AND RESPONSIBLE USE OF ARTIFICIAL INTELLIGENCE

1.- The use of any Artificial Intelligence (AI) system or service shall be determined by the lecturer, and may only be used in the manner and under the conditions indicated by them. In all cases, its use must comply with the following principles:

- a) The use of AI systems or services must be accompanied by critical reflection on the part of the student regarding their impact and/or limitations in the development of the assigned task or project.
- b) The selection of AI systems or services must be justified, explaining their advantages over other tools or methods of obtaining information. The chosen model and the version of AI used must be described in as much detail as possible.
- c) The student must appropriately cite the use of AI systems or services, specifying the parts of the work where they were used and describing the creative process followed. The use of citation formats and usage examples may be consulted on the Library website(https://www.ufv.es/gestion-de-la-informacion_biblioteca/).
- d) The results obtained through AI systems or services must always be verified. As the author, the student is responsible for their work and for the legitimacy of the sources used.

2.- In all cases, the use of AI systems or services must always respect the principles of responsible and ethical use upheld by the university, as outlined in the [Guide for the Responsible Use of Artificial Intelligence in Studies at UFV](#). Additionally, the lecturer may request other types of individual commitments from the student when deemed necessary.

3.- Without prejudice to the above, in cases of doubt regarding the ethical and responsible use of any AI system or service, the lecturer may require an oral presentation of any assignment or partial submission. This oral evaluation shall take precedence over any other form of assessment outlined in the Teaching Guide. In this oral defense, the student must demonstrate knowledge of the subject, justify their decisions, and explain the development of their work.

BIBLIOGRAPHY AND OTHER RESOURCES

Basic

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Sevilla Royo, Tomás, author. Criminalistics:the crime scene/