

Degree	Type	Year
Prevention and Integral Safety and Security	OT	4

Contact

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Teaching groups languages

You can view this information at the [end](#) of this document.

Prerequisites

This subject doesn't have prerequisites.

Objectives and Contextualisation

The main objectives of the subject are:

- Differentiate between management and leadership in human resources management.
- Know the main strategies for development and loyalty.
- Recognize the importance of human resources management in the provision of private security services.
- * Understand the fundamentals of OSINT and its role within the field of cybersecurity and intelligence.
- * Apply OSINT techniques and tools to different research scenarios (individual, social, corporate).
- * Design secure and anonymous research environments, respecting principles of ethics and privacy.
- * Develop critical thinking and analytical skills to extract useful intelligence from open sources.
- * Integrate OSINT results into decision-making processes, reports and preventive actions within the context of public and private security.

Competences

- Act with ethical responsibility and respect for fundamental rights and duties, diversity and democratic values.
- Apply the legal regulations governing the sector of prevention and integral security.
- Be able to adapt to unexpected situations.

- Efficiently manage human resources.
- Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
- Identify, manage and resolve conflicts.
- Make changes to methods and processes in the area of knowledge in order to provide innovative responses to society's needs and demands.
- Plan and coordinate the resources of the three large subsystems that interact in questions of security: people, technology and infrastructures.
- Respond to problems applying knowledge to practice.
- Students must be capable of applying their knowledge to their work or vocation in a professional way and they should have building arguments and problem resolution skills within their area of study.
- Students must be capable of collecting and interpreting relevant data (usually within their area of study) in order to make statements that reflect social, scientific or ethical relevant issues.
- Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
- Students must develop the necessary learning skills to undertake further training with a high degree of autonomy.
- Students must have and understand knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.
- Take account of social, economic and environmental impacts when operating within one's own area of knowledge.
- Take sex- or gender-based inequalities into consideration when operating within one's own area of knowledge.
- Use the capacity for analysis and synthesis to solve problems.
- Work in institutional and interprofessional networks.

Learning Outcomes

1. Analyse the sex- or gender-based inequalities and the gender biases present in one's own area of knowledge.
2. Analyse the situation and identify the points that are best.
3. Be able to adapt to unexpected situations.
4. Critically analyse the principles, values and procedures that govern professional practice.
5. Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
6. Identify, manage and resolve conflicts.
7. Plan and manage prevention and security in accordance with the prevailing legislation applicable in the sector.
8. Propose viable projects and actions that promote social, economic and environmental benefits.
9. Respond to problems applying knowledge to practice.
10. Select the minimum resources for efficient risk management.
11. Students must be capable of applying their knowledge to their work or vocation in a professional way and they should have building arguments and problem resolution skills within their area of study.
12. Students must be capable of collecting and interpreting relevant data (usually within their area of study) in order to make statements that reflect social, scientific or ethical relevant issues.
13. Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
14. Students must develop the necessary learning skills to undertake further training with a high degree of autonomy.
15. Students must have and understand knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.
16. Undertake collaborative management of private security plans.
17. Use the capacity for analysis and synthesis to solve problems.
18. Work in institutional and interprofessional networks.

Content

CONTENIDOS

MÓDULO 1 - Fundamentos del OSINT

Se explica qué es OSINT, quién lo utiliza y para qué sirve. Enfoque en sus aplicaciones, fuentes de información y el ciclo de inteligencia. También se presentan las tendencias actuales y el rol del analista de ciberinteligencia.

MÓDULO 2 - OPSEC: Preparación del Entorno de Trabajo

Se enseña cómo proteger nuestra identidad durante investigaciones OSINT. Incluye uso de máquinas virtuales, configuración de navegadores, VPNs, correos anónimos, gestión de contraseñas y creación de identidades falsas (sock puppets), con el objetivo de trabajar de forma segura y privada.

MÓDULO 3 - Motores de Búsqueda

Se aprenden técnicas como los Google Dorks, automatización con IA y herramientas como Google Alerts para encontrar información específica y monitorear datos en la red.

MÓDULO 4 - Técnicas OSINT

Este módulo profundiza en el análisis de imágenes, teléfonos, emails, metadatos y geolocalización. Presenta herramientas y métodos para obtener información útil, como reconocimiento facial, análisis de documentos y extracción masiva de datos.

MÓDULO 5 - Técnicas SOCMINT

Enfocado en redes sociales, se enseña a investigar perfiles, extraer datos e identificar relaciones. Incluye Facebook, Instagram, Twitter, LinkedIn, TikTok y otras comunidades online. Se explica cómo automatizar búsquedas, scraping de contenido y trabajar de forma anónima en entornos sociales online.

MÓDULO 6 - Investigaciones en la Dark Web

Introducimos qué es la Dark Web, cómo acceder a ella con el navegador TOR y qué tipo de investigaciones se pueden hacer. Se explican los niveles de navegación y métodos para buscar información oculta o sensible.

MÓDULO 7 - Data Breaches y Leaks

Explicamos qué son las filtraciones de datos y cómo afectan a las personas y empresas. Enseñamos a comprobar si nuestras credenciales han sido comprometidas, cómo se filtran contraseñas y qué herramientas existen para monitorear posibles exposiciones.

MÓDULO 8 - Investigación de Empresas

Cómo investigar empresas usando bases de datos públicas y oficiales. Incluye análisis del BORME, datos económicos, emails corporativos, conexiones con corrupción o crimen, y personas políticamente expuestas.

MÓDULO 9 - Gestión de RRHH

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Videoconference with the active participation of the students	6	0.24	3, 4, 1, 2, 9, 5, 16, 6, 7, 8, 15, 14, 13, 11, 12, 10, 18, 17
Type: Supervised			
RESOLUTION OF DOUBTS ON SUBJECT AND PRACTICES	24	0.96	3, 4, 1, 2, 9, 5, 16, 6, 7, 8, 15, 14, 13, 11, 12, 10, 18, 17
Type: Autonomous			
Study and preparation of activities.	120	4.8	3, 4, 1, 2, 9, 5, 16, 6, 7, 8, 15, 14, 13, 11, 12, 10, 18, 17

Teaching language: Spanish

The methodological approach is practical. The aim of this approach is to enhance transfer of learning from the classroom to the professional environment. To this effect, the activities of the subject combine theoretical-practical introduction of contents with the application in practical situations.

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Assessment

Continuous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Practice avaluation	50%	0	0	3, 4, 1, 2, 9, 5, 16, 6, 7, 8, 15, 14, 13, 11, 12, 10, 18, 17
Theoretical avaluation	50%	0	0	4, 1, 2, 16, 7, 15, 14, 13, 11, 12, 10

Continuous assessment

The evaluation of the subject includes:

- theoretical-practical nature (exams). It represents 50% of the final grade.
- works related to the content of the subject. They represent 50% of the final grade.

The works and the written test must have a grade of at least 3.5 to be able to add to the continuous evaluation.

The grade to pass the continuous evaluation will be the result of the sum of the test and the two works of the subject, provided that the minimum marks required to add are obtained. To pass the continuous assessment this average must be 5 or higher.

Examination-based assessment

Students who opt for single assessment will take a final synthesis test of all the content of the subject a (50%) and deliver the two works of the subject (50%)

The date for this test and the delivery of the work of the subject will be the same scheduled in the schedule for the last exam of continuous evaluation.

The same recovery system will be applied as for continuous assessment.

Evaluation of students in second call or more

Students who repeat the subject must take the scheduled tests and exams and deliver the work of the subject on the dates indicated in the Moodle classroom.

Retake Exam

The student who does not pass the subject, who does not reach 5 (total) out of 10, in accordance with the criteria established in the two previous sections may submit to a final exam provided that the student has been evaluated in a set of activities, the weight of which equals a minimum of two thirds of the total grade of the subject.

In this exam the set of contents of the subject that have not been passed in the continuous evaluation will be reevaluated.

In the case of passing the final exam the subject will be approved with a maximum of 5, regardless of the grade obtained in the exam.

No evaluable

If you have not been evaluated of these two thirds for not having submitted to the tests, you will obtain a qualification as Not Presented, without having the possibility of submitting to the final recovery exam.

Change of date of a test or exam

Students who need to change an evaluation date must submit the request by filling in the document found in the EPSI Tutorization Moodle space.

Once the document has been completed, it must be sent to the teaching staff of the subject and to the coordination of the Degree.

Review

At the time of carrying out each evaluation activity, the teaching staff will inform the students of the mechanisms for reviewing the qualifications.

For single assessment students, the review process will be the same.

Plague

If during the correction there are indications that an activity or work has been carried out with answers assisted by artificial intelligence, the teacher may complement the activity with a personal interview to corroborate the authorship of the text.

Use IA

In this subject, the use of Artificial Intelligence (AI) technologies is permitted as an integral part of the assignment. Students must clearly identify which parts have been generated with this technology, specify the tools used, and include a critical reflection on how these have influenced the process and the final result of the activity. Lack of transparency in the use of AI may be considered an academic irregularity and may result in a

penalty on the assignment grade or the application of the consequences provided in the following section "Other Considerations."

Other **considerations**

Without prejudice to other disciplinary measures deemed appropriate, and in accordance with current academic regulations, "in the event that the student makes any irregularity that could lead to a significant variation in the grade of an evaluation act, this evaluation act will be graded with a 0, regardless of the disciplinary process that can be instructed. In case of several irregularities occur in the evaluation acts of the same subject, the final grade of this subject will be 0".

If there are unforeseen circumstances that prevent the normal development of the subject, the teaching staff may modify both the methodology and the evaluation of the subject.

Bibliography

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Software

This course will use the basic software of the Office 365 package.

Groups and Languages

Please note that this information is provisional until 30 November 2025. You can check it through this [link](#). To consult the language you will need to enter the CODE of the subject.

Name	Group	Language	Semester	Turn
(TE) Theory	1	Spanish	first semester	afternoon