

Degree programme	Type	Course
Prevention and Integral Safety and Security	OP	4

Contact lecturer

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Prerequisites

This subject doesn't have any pre-requierments

Group languages

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

Objectives

- Know the importance of people in Mobility, as distinct from transport elements.
- Know how Mobility affects people's road safety.
- Know international trends in the environment and mobility
- Know Spanish regulations on sustainable mobility and their implication in the company
- Know and differentiate the regulations that regulate mobility and road safety issues.
- Know transport safety.
- Know the instruments for planning mobility and road safety, applied to the company.
- Know the sector's guides and the practical aspects necessary to implement a mobility and road safety plan in a company

Learning outcomes

1. Coordinate the resources of the three main subsystems of the prevention and integral security sector: people, technology and infrastructures.
2. Use the capacity for analysis and synthesis to solve problems.
3. Respond to problems applying knowledge to practice.
4. 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.
5. 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.
6. Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
7. Propose new methods or well-founded alternative solutions.
8. Critically analyse the principles, values and procedures that govern professional practice.
9. Analyse the sex- or gender-based inequalities and the gender biases present in one's own area of knowledge.
10. Propose viable projects and actions that promote social, economic and environmental benefits.
11. Draw up management proposals for prevention and security in an organisation.
12. Identify, develop or acquire and maintain the main resources necessary to respond to tactical and operational needs inherent in the prevention and security sector.
13. Analyse the preventative interventions in matters of security, environment, quality and social corporate

- responsibility and identify the inherent risk factors.
14. Take a preventative view in the area of security.
 15. Work and learn autonomously.
 16. Know how to communicate and transmit ideas and result efficiently in a professional and non-expert environment, both orally and in writing.
 17. Make efficient use of ITC in the communication and transmission of results.
 18. Analyse the situation and identify the points that are best.

Contents

The contents of the subject are grouped into Training Blocks that will be developed during the course and complemented with the material that will be available in the bibliography or recommended readings section of the virtual classroom.

1. EVOLUTION FROM TRANSPORT TO MOBILITY.

Concept of mobility. Evolution of mobility models. Mobility in the European Union. White Paper on Transport. Mobility and the City: trends. Effects of mobility and road safety in the workplace.

Relationship between mobility and occupational risk prevention.

2. MOBILITY AND ROAD SAFETY REGULATIONS.

Mobility laws in Europe. Example of France.

Mobility law in Spain and Catalonia. Concepts and analysis of the regulations.

Traffic and circulation regulations. Differences between crimes and infractions.

Risk factors in traffic. Accident rates in Spain and Europe.

European objectives for accidents. Vision Zero.

Driver's permits and licenses. Certificate of Professional Competence (CAP)

3. COMMUTING AND ROAD SAFETY PLANS

Concept, objectives. Design and implementation.

Structure of a Mobility and Safety Plan

Guidelines for creating a Workplace Mobility Plan.

IDAE - Decalogue of the "10 Golden Rules of Commuting"

Concept of active mobility. The carbon footprint.

Road safety in the workplace. Training and awareness.

Psychosocial factors and fatigue. Risks during commutes.

Work-related accidents (WRA), human and behavioral factors

Vehicle classes and types, and ADAS systems

4. PUBLIC AND SHARED TRANSPORT

Safety in public transport. Case studies: Barcelona metro and bus

Safety and gender in public transport.

Railway situation in Spain. Commuter rail as an alternative.

Understanding the historical situation of the Mediterranean Corridor.

Road safety audits.

Learning activities and methodology

Title	Hours	ECTS	Learning outcomes
Discussion forums, resolution of practical cases and tests. Tutorials and videoconference sessions	24	0.96	3, 4, 5, 7, 8, 9, 11, 13, 16, 17, 18
Resolution of practical cases Realization of works Personal study	110	4.4	1, 3, 4, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18
Evaluation	4	0.16	4, 5, 6, 7, 8, 9, 14, 16, 18
Videoconference with the active participation of the students	12	0.48	5, 6, 7, 10, 11

TEACHING LANGUAGE: CASTELLANO

The online courses require a high level of individual work and reading of the manual and documents that are provided as recommended bibliography and that this preparation should lead to individual reflection on the general aspects of mobility and road safety and how to translate it into a concrete reality, such as are the mobility and road safety plans in the company.

Therefore, reading the manual and other documents is essential, in order to raise doubts and intervene in the possible forums that are held, as well as active participation in face-to-face activities through Teams that are carried out during the course.

This course aims to cover general knowledge about environmental issues and traffic accidents and how it has a practical impact on the reality of companies.

To achieve the final objective, which is the realization and implementation of a sustainable and safe mobility through an action plan, it is important to have a broad vision of mobility concepts and their future trends, as well as the effects that social changes, legal and environmental factors believe in the reality of companies.

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	Weight	Hours	ECTS	Learning outcomes
PEC's - Create a mobility plan outline and work related to the subject content	50%	0	0	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18

Final theoretical test continuous evaluation	50%	0	0	2, 3, 7, 9, 14, 15, 16, 18
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Due to unforeseen circumstances that prevent the normal development of the course, the teaching staff may modify the course assessment system.

Continuous Assessment

The assessment system will consist of the preparation and submission of assignments. A written exam must also be administered at the end of the course.

Assignments must have a grade of 2.5 or higher to be included in the continuous assessment. The grade to pass the continuous assessment will be the sum of the theoretical assessment or exam plus the assignments. To pass the continuous assessment, this average must be 5 or higher.

The assignment to create a "Mobility and Road Safety Plan Outline for the Company" is an individual assignment and is one of the basic objectives of the course and part of the continuous assessment.

For the final exam, only pens, pencils, or other writing instruments and ID cards are permitted. Phones, tablets, laptops, smartwatches, and any other electronic devices are not allowed.

Recovery Exam

Students who do not pass the subject, achieving a grade of 5 out of 10 (total), according to the criteria established in the two previous sections, may take a final exam provided they have been assessed on a set of activities whose weight is equivalent to at least two-thirds of the total grade for the subject.

If they have not been assessed on these two-thirds of the activities because they did not take the assessments, they will receive a grade of "Not Present" and will not be eligible to take the final recovery exam.

If the final exam is passed, the subject will be considered passed with a maximum grade of 5, regardless of the exam grade.

STUDENTS WHO FAILED IN PREVIOUS YEARS:

Students repeating this subject must follow the criteria established in this guide to pass the subject.

SINGLE ASSESSMENT

THIS SUBJECT DOES NOT USE A SINGLE ASSESSMENT SYSTEM.

Changing the Date of a Test or Exam

Students who need to change an assessment date must submit a request by completing the form found in the EPSI Tutoring Moodle space.

Once completed, the form must be sent to the course instructor and the Degree Coordinator.

Grade Review

At the time of each assessment activity, instructors will inform students of the grade review procedures.

Other Considerations

Without prejudice to any other disciplinary measures deemed appropriate, and in accordance with current academic regulations, if a student commits any irregularity that could lead to a significant change in the grade for an assessment, that assessment will be graded with a 0, regardless of any disciplinary proceedings that may be initiated. In the event of multiple irregularities in the assessment of a single subject, the final grade for that subject will be 0.

If unforeseen circumstances arise that prevent the normal development of the subject, the instructors may modify both the methodology and the assessment of the subject. If, during the grading process, there are indications that an activity or assignment has been completed using AI-assisted responses, the instructor may supplement the activity with a personal interview to verify the authorship of the text.

For this subject, the use of Artificial Intelligence (AI) technologies is permitted exclusively for support tasks, such as bibliographic or information searches, text correction, or translations. Students must clearly identify which parts were generated using this technology, specify the tools used, and include a critical reflection on how these tools influenced the process and the final result of the activity. Lack of transparency regarding the use of AI in this assessable activity will be considered a lack of academic honesty and may result in a partial or full penalty on the activity grade, or other sanctions. older in severe cases.

Bibliography

At the beginning of the course and throughout its development, a PDF document will be provided which is considered the manual or reference for the subject and will be available in the Virtual Classroom, as well as the rest of the basic bibliography of the course, in addition to the readings that will be provided and should be supplemented with the reference guides that will also be provided in the virtual classroom of the subject.

Software

This subject Will use the basic software of the office 365 suite

Course groups and languages

The information provided is provisional until November 30. After this date, you will be able to consult the language of each group through this [link](#). To access the information, you will need to enter the course CODE

Type of teaching	Group	Language	Semester	Shift
(TE) Theory	1	Spanish	first semester	afternoon