

Mobility and Road Safety

Code: 105778
ECTS Credits: 6

2024/2025

Degree	Type	Year
2502501 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 any pre-requirements

Objectives and Contextualisation

OBJECTIVES:

- Know the importance of people in Mobility differentiated from transport elements.
- Know how Mobility affects the Road Safety of people.
- Know international trends in environment and mobility
- Know and differentiate the regulations that regulate mobility and road safety issues.
- Know the instruments of Planning of mobility and road safety, applied to the company.
- Know the sector guides and the practical aspects necessary to implement a mobility and road safety plan in a company.

Competences

- Act with ethical responsibility and respect for fundamental rights and duties, diversity and democratic values.
- Carry out analyses of preventative measures in the area of security.
- Have a general understanding of basic knowledge in the area of prevention and integral safety and security.
- Identify the resources necessary to respond to management needs for prevention and integral security.
- Know how to communicate and transmit ideas and result efficiently in a professional and non-expert environment, both orally and in writing.
- Make changes to methods and processes in the area of knowledge in order to provide innovative responses to society's needs and demands.
- Make efficient use of ITC in the communication and transmission of results.
- 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.
- 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 and learn autonomously.

Learning Outcomes

1. Analyse the preventative interventions in matters of security, environment, quality and social corporate responsibility and identify the inherent risk factors.
2. Analyse the sex- or gender-based inequalities and the gender biases present in one's own area of knowledge.
3. Analyse the situation and identify the points that are best.
4. Coordinate the resources of the three main subsystems of the prevention and integral security sector: people, technology and infrastructures.
5. Critically analyse the principles, values and procedures that govern professional practice.
6. Draw up management proposals for prevention and security in an organisation.
7. Identify, develop or acquire and maintain the main resources necessary to respond to tactical and operational needs inherent in the prevention and security sector.
8. Know how to communicate and transmit ideas and result efficiently in a professional and non-expert environment, both orally and in writing.
9. Make efficient use of ITC in the communication and transmission of results.
10. Propose new methods or well-founded alternative solutions.
11. Propose viable projects and actions that promote social, economic and environmental benefits.
12. Respond to problems applying knowledge to practice.
13. 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.
14. 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.
15. Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
16. Take a preventative view in the area of security.
17. Use the capacity for analysis and synthesis to solve problems.
18. Work and learn autonomously.

Content

CONTENTS:

MOBILITY AND CITY. Mobility concept. Role of the automobile in society. The automobile industry, economic and social effects.

MOBILITY AND ENVIRONMENT. Beginning of a new era. New elements of urban mobility, from Low Emission Zones to DUM. Effects on companies.

FROM TRANSPORTATION TO MOBILITY. Evolution in Europe.

- White Paper on Transport

- Green Paper on urban mobility

MOBILITY IN SPAIN. The Sustainable Economy Law. SUMP and Business Plans

- The Mobility Law in Spain
- Autonomous mobility laws. Catalonia.
- Mobility and road safety in the company.

ROAD SAFETY AS A HEALTH RISK. WHO reports and public strategies.

TRAFFIC ACCIDENTS AND ROAD SAFETY. Competences of the administrations. The Law of Traffic and road safety. The point permits. Vial security felony.

ROAD SAFETY AND OCCUPATIONAL RISK PREVENTION. Occupational traffic accidents (ALT). Risk factor in accidents. Covid 19. Telecommuting.

GUIDES AND PLANS FOR MOBILITY AND ROAD SAFETY APPLIED TO THE COMPANY. Requirements of the Plan for mobility and road safety in the company.

THE NEW ROAD SAFETY MEASURES APPLIED TO THE COMPANY. Law 18/2021. Courses for professional drivers. Control of consumption of substances that can disturb professional driving.

Activities and Methodology

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

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

Continous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Final theoretical test continuous evaluation	50%	0	0	1, 12, 13, 17
PEC - Carry out a Mobility Plan Scheme	30%	0	0	1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 16, 17, 18
PEC 2 Carrying out a job related to the content of a mobility plan will be a job	10%	0	0	1, 3, 6, 9, 10, 12, 14, 18
Pec1-Comment on the article on current affairs and related to mobility in the company.	10%	0	0	2, 3, 5, 8, 12, 15, 16, 18

Continuous evaluation

The evaluation system will consist of the elaboration and delivery of the works. A theoretical exam must also be taken at the end of the course.

The work of the subject must have a mark of 2.5 to be able to add to the continuous evaluation.

The mark to pass the continuous evaluation will be the result of the sum of the evaluation or theoretical exam plus the two works. To pass the continuous assessment, this average must be 5 or higher.

The work of carrying out a "Mobility plan and road safety scheme in the company" is an individual work and it is one of the basic objectives of the subject and of continuous evaluation of the subject. Evaluation criteria:

- Late deliveries will not be valued
- This work has a global and maximum evaluation of 30% of the final grade, therefore, the maximum grade will be three points.
- The rubric or evaluation criteria will be indicated when the start of the PEC is given to the students.

Single Assessment

Students who opt for the single assessment will take a final synthesis test of all the content of the subject and will deliver the two assignments of the subject.

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

Evaluation of students in the second call or more

The students who repeat the subject will have to take the scheduled tests and exams and deliver the subject work on the dates indicated in the Moodle classroom.

Recovery 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 take a final exam provided that the student has been evaluated in a set of activities, the weight of which is equivalent to a minimum of two thirds of the total grade for the subject.

If she has not been evaluated by these two third parties because she has not taken the tests, she will obtain a score of Not Present, without having the possibility of taking the final recovery exam.

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

Changing the date of a test or exam

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

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

Revision

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.

Other considerations

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

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.

Bibliography

The basic bibliography of the course is the manual of the subject, but it should also be complemented with the two reference guides that are indicated below and their links. It can be downloaded in PDF.

IDAE -PTT Guide: Transportation to Work Plans:

https://www.idae.es/sites/default/files/documentos/publicaciones_idae/guia-idae-019_ptt.pdf

and the DGT guide:

https://www.dgt.es/Galerias/seguridad-vial/estrategias-y-planos/seguridad-vial-en-la-empresa/Plan_maquetado.p

These two guides, in addition to the manual of the subject, are basic to be able to carry out the practical part of the subject, during the course the reading of certain sections of these guides will be recommended. As there is no standard that indicates the contents and phases of a mobility and road safety plan in the company, it is advisable to always follow a guide (there are several published by various entities) but these two are the most current and considered as reference and with better content so that they are a reference in any mobility plan in the company.

Software

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

Language list

Name	Group	Language	Semester	Turn
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PROVISIONAL