

Mobility and Road Safety

Code: 105778
ECTS Credits: 6

Degree	Type	Year	Semester
2502501 Prevention and Integral Safety and Security	OT	4	0

Contact

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Use of Languages

Principal working language: spanish (spa)
Some groups entirely in English: No
Some groups entirely in Catalan: Yes
Some groups entirely in Spanish: No

Prerequisites

This subject doesn't have any pre-requierments

Objectives and Contextualisation

- Know the importance of people in Mobility, rather than the transport element.
- Know the European trends in mobility, transport and Mobility aspects and how it affects the road safety of people.
- Know the instruments of mobility planning and road safety, applied to the company.

Competences

- Assume the social, ethical and professional responsibility that derives from professional practice.
- 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 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.
- Use the capacity for analysis and synthesis to solve problems.
- Work and learn autonomously.

Learning Outcomes

1. Analyse specific risks and understand the prevention mechanisms.
2. Analyse the preventative interventions in matters of security, environment, quality and social corporate responsibility and identify the inherent risk factors.

3. Assume the social, ethical and professional responsibility that derives from professional practice.
4. Coordinate the resources of the three main subsystems of the prevention and integral security sector: people, technology and infrastructures.
5. Diagnose the situation of integral security in companies and organisations.
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. Respond to problems applying knowledge to practice.
11. Take a preventative view in the area of security.
12. Use the capacity for analysis and synthesis to solve problems.
13. Work and learn autonomously.

Content

- Mobility and the city. Evolution and social trends of mobility and environmental aspects.
- From urban mobility to mobility in the company.
- Mobility in the company and traffic accidents.
- Road Mobility Plans. Phases, content and elements of analysis
- Road safety risks. knowledge and corrective measures.

Methodology

The online course requires reading the documents provided of different theoretical aspects that should lead to a reflection on the aspects of mobility, business and road safety and how to translate these aspects into a concrete reality such as mobility or displacement plans, such as tool to prevent risks that occur in the company.

The forums will be made to discuss and analyze specific aspects of mobility.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Videoconference with the active participation of the students	6	0.24	
Type: Supervised			
Discussion forums, resolution of practical cases and tests. Tutorials and videoconference sessions	24	0.96	1, 4, 5, 10, 6, 2, 9, 7, 13, 12
Type: Autonomous			
Resolution of practical cases Realization of works Personal study	120	4.8	8, 4, 6, 2, 7, 13, 12

Assessment

Preparation of two Continuous Assessment Tests and the completion of an individual theoretical final test, to assess the knowledge acquired during the course.

RE-EVALUATION

In case of not passing the subject according to the aforementioned criteria (continuous evaluation), a recovery test may be done on the date scheduled in the schedule, and it will cover the entire contents of the program.

To participate in the reassessment the students must have been previously evaluated of a set of activities, the weight of which equals a minimum of two-thirds of the total grade of the subject. However, the qualification that will consist of the student's file is a maximum of 5-Approved.

Students who need to change an evaluation date must present the justified request by filling in the document that you will find in the moodle space of Tutorial EPSI.

PLAGIARISM

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, it will be graded with a 0 This evaluation act, regardless of the disciplinary process that can be instructed In case of various irregularities occur in the evaluation acts of the same subject, the final grade of this subject will be 0".

The tests / exams may be written and / or oral at the discretion of the teaching staff.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Individual theoretical test	50%	0	0	11, 8, 4, 5, 10, 9, 12
PEC 1	20%	0	0	3, 8, 4, 10, 6, 2, 9, 13, 12
PEC 2	30%	0	0	1, 3, 8, 4, 10, 6, 2, 9, 7, 13

Bibliography

This bibliography is recommended for consultation and may be a reference for those students who, after passing the course, wish to deepen their knowledge of such general aspects as mobility.

THE TRIUMPH OF THE CITIES. Edward Glaeser Taurus editions.

TRAFFIC. Tom Vanderbilt Editions Debate.

I HAVE BEEN FINISHED, What you should know about traffic sanctions. Alfonso Perona Gómez. Atelier Editions 2015

THE LEGAL MYTH OF THE COMPACT CITY. . Joan Amenós Álamo. Ed. UAB Serveis de publicacions. 2015

MOBILITY PLAN, Basic criteria for carrying out a Road Mobility Plan in companies. Alfonso Perona Gómez. MC Mutual. It can be downloaded in PDF: <http://peronamovilidad.com/publicaciones/>

As a compulsory reading, students will be given a series of short readings of current events and basic aspects that allow them to acquire more knowledge, from different points of view, about mobility in its different aspects and consequences.

During the realization of the course on the part of the professor can change the recommended bibliography not obligatory.