

**Practicum III**

Code: 104693  
ECTS Credits: 6

| Degree  | Type | Year | Semester |
|---|------|------|----------|
| 2502501 Prevention and Integral Safety and Security | OB   | 3    | 1        |

The proposed teaching and assessment methodology that appear in the guide may be subject to changes as a result of the restrictions to face-to-face class attendance imposed by the health authorities.

**Contact**

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**Use of Languages**

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

**Other comments on languages**

In case the course is attended by international students, the language of the course will be Spanish

**Prerequisites**

This subject doesn't have any pre-requirerments

**Objectives and Contextualisation**

- Introduce the general aspects of integral security ( PDSI )applied to business coordination in works, public acts and corporate acts.
- Know the specific regulations affecting civil protection, fire protection, risk prevention, business coordination, safety and health on site, data protection law, state, international OHSAS and decrees regulating corporate events-musical , in short everything that controls the confluence of companies and people in the same field of work.
- Deepen in the technical criteria and methodologies of the identification, analysis and assessment of risks specific to the field of industrial and public activities. Develop a draft of the Plan
- Prepare a draft of the Master Plan for comprehensive safety of an activity in application of the regulations in force in Catalonia and of the sectoral regulations specific to Spain.
- Acquire basic knowledge of security management in specific areas.
- Introduce students into risk analysis and integrated management methodologies.

**Competences**

- Carry out analyses of preventative measures in the area of security.
- Carry out scientific thinking and critical reasoning in matters of preventions and security.
- Efficiently manage human resources.
- Evaluate the technical, social and legal impact of new scientific discoveries and new technological developments.
- Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.

- Identify the resources necessary to respond to management needs for prevention and integral security.
- 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. Carry out scientific thinking and critical reasoning in matters of preventions and security.
2. Coordinate the resources of the three main subsystems of the prevention and integral security sector: people, technology and infrastructures.
3. Design a project applied to integral security and prevention in an organisation.
4. Design and implement recovery plans following disasters and mechanisms for contingencies.
5. Evaluate the technical, social and legal impact of new scientific discoveries and new technological developments.
6. Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
7. Identify the infrastructure, technology and resources necessary to respond to operations in prevention and integral security.
8. Respond to problems applying knowledge to practice.
9. Select the minimum resources for efficient risk management.
10. Use the capacity for analysis and synthesis to solve problems.
11. Work and learn autonomously.

## Content

This subject has a specific manual for it, which has eight teaching units, each of which would cover a temporary space of 2 weeks. Each Teaching Unit will have, in addition to the curriculum included in the Manual, a mandatory reading per module, plus other voluntary readings and documentary activities.

Theme, Content, Introduction to the subject

Didactic Unit 1 Space analysis and risk contextualization. Assess the possibility of performing the event at that location. Check the territory and its access. Analyze the type of event and its detractors. Analyze the environment ( neighborhoods, A. of neighbors, radical groups, forums, etc..) Vulnerability of space and environment. Risks present in space. Risks generated in space by the event Analysis of access to space and feasibility of use.

Didactic Unit 2 Analysis of the risk map space. Assess the affectation of anthropic risks. Assess the affectation of technological risks. Develop preventive measures according to the risks identified and considered to affect. Evaluation exercise of the Teaching Unit 1-2

Didactic Unit 3 Identification and assessment of space risks. Identify risks by zone and/or Activity Choose a method of risk assessment Assess the risk by zone and/or activity Propose preventive measures for each zone and/or activity This shall apply to all types of risks identified, Anthropic, Technological, Labour, Mobility, etc..., Epidemic and Pandemic

Didactic Unit 4 Identification and assessment of Mobility Needs Identify access to the space Identify bus lines to the space Identify lines and subway access to the space Identify parking areas < 500m to the space Identify Parking < 500m to the space Possibility to negotiate extension of transport schedules Valuation of the request of occupation public road for loading/unloading and parking VIP Valuation accessibility emergency equipment Exercises Evaluation Unit didactic 3-4

PEC1

Didactic Unit 5 Identification and assessment of administrative needs with local and regional authorities Find out the requirements of normative compliance for the event Location of plans in PDF or AutoCAD at zone or

area scale. Get copy of Project Extra Activity License. If it is a building or local get copied to the emergency plan. If there is no emergency plan value make memory security or PAU Check or make the list of responsible and tel. mobile. Find out if there is a project Ing. Contact the PRL Coordinator If there is no project ing. Design the event's PRL prevention plan Create the PRL coordination file for company data Valuation of uniformed security personnel Valuation of access control personnel , Valuation of health personnel Exercises evaluation Teaching unit 5-6

Didactic Unit 6 Obtaining Documents Project License Activity Obtain Emergency Plan Perform Safety Memory Perform lopd Implementation Work Risk Coordination Plan Obtain workplace risks if it is a building or facility. Based on the data obtained from the event carry out our own risk assessment. Based on each of the activities identified in the event: Identify risks and Assess risks. Develop preventive measures according to the risks present by activity.

Didactic Unit 7 Protection and security Resource coordination Identify data quality. Assess which data we should have from workers for coordination. Valuation of uniformed security personnel Valuation of access control personnel Valuation Staff of safety assistants Valuation of health personnel Exercise in group evaluation Teaching unit 7

Didactic Unit 8 Design of a Comprehensive Safety Master Plan PDSI Analysis of the event or activity Determine the necessary documents Determine the necessary information Determine the scope of PDSI

PEC2

## Methodology

Bearing in mind that the class modality is classical, with the aim of achieving the learning objectives described in this Guide we will develop a methodology that combines the individual study from the Manual, the training sessions and the readings that will be raised on each topic, in addition to some documentaries.

The doubts that the students have will be resolved by the mail addressed to the teacher of the subject. We will also be working on case studies on PDSI disputes, where we will analyse the issues and their implications for the PDSI management system.

It should be noted that due to the model the students will have to prepare the materials independently (documents, readings, videos etc....) and the forums and sessions in person will be dedicated to deepening on the topics discussed as well as to resolving possible doubts.

It is important to mention that the main objective of the video classes is to resolve doubts related to the syllabus, therefore it is essential to prepare topics before each session

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.

## Activities

| Title   | Hours | ECTS | Learning Outcomes                 |
|---|-------|------|-----------------------------------|
| Type: Directed  |       |      |                                   |
| Directed, will be those activities that the student carries out tutored by the teacher as they are exercises and lessons of program | 12    | 0.48 | 2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5 |
| evaluation  | 4     | 0.16 | 2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5 |

Type: Supervised

|  |     |      |   |
|--|-----|------|---|
| Supervised, will be those activities in which the student performs PEC1(in team) i<br>PEC2 (individual)) scores, plus final exam       | 24  | 0.96 | 2, 1, 4, 3, 8,<br>6, 7, 9, 11,<br>10, 5 |
| Type: Autonomous   |     |      |   |
| Autonomus, will be those activities that the student performs autonomously from home<br>with the means and/or materials of the subject | 110 | 4.4  | 2, 1, 4, 3, 8,<br>6, 7, 9, 11,<br>10, 5 |

## Assessment

In order to be able to take the final exam of the subject, you must have submitted the works that the teacher puts both individually and collectively. PEC1, PEC2, PEC3 and PEC4.

The notes of the PEC1, PEC2, PEC3 and PEC4 will be made public in the news section of the moodle, no exercises are delivered for review of the works, tutoring is requested from the teacher that could be face-to-face or via Teams

Both the teaching methodology and the assessment provided in this guide may be modified depending on the evolution of possible pandemics or circumstances that prevent the classroom development of the subject.

### REEVALUATION

If the work / exercises are not carried out, it will go to reevaluation

According to article 112 ter. 2 of the UAB Academic Regulations, in order to participate in student recovery, the weight of those that equal a minimum of two thirds of the total grade for the course must have been previously evaluated in a set of activities.

However, the grade that will appear in the student's file is a maximum of 5-Passed.

### NOT EVALUABLE

A student will be considered as NON-EVALUABLE if he does not exceed the grade of 5 and therefore it will be necessary to present for reevaluation.

### REPEATING STUDENTS.

Repeating students will take the same types of tests as the rest of the students. Both the theoretical Practices and the delivery of exercises. In accordance with article 117.2 of the UAB Academic Regulations, the evaluation of repeating students may consist of a single synthesis test. Repeat students who wish to take advantage of this possibility, should contact the teaching staff at the beginning of the course

### PLAGIARISM

Without prejudice to other disciplinary measures deemed appropriate, and in accordance with current academic regulations, irregularities committed by a student that may lead to a variation in the grade will be scored with a zero (0). For example, plagiarizing, copying, letting copy ..., an evaluation activity, will involve suspending this evaluation activity with a zero (0). The evaluation activities qualified in this way and by this procedure will not be recoverable.

## Assessment Activities

| Title | Weighting | Hours | ECTS | Learning Outcomes |
|-------|-----------|-------|------|-------------------|
|-------|-----------|-------|------|-------------------|

|                    |     |   |   |                                   |
|--------------------|-----|---|---|-----------------------------------|
| Final assessment   | 20% | 0 | 0 | 2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5 |
| Pec 1 individual   | 20% | 0 | 0 | 2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5 |
| Pec 2 individual   | 20% | 0 | 0 | 2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5 |
| Pec 3 work in Team | 20% | 0 | 0 | 2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5 |
| Pec 4 individual   | 20% | 0 | 0 | 2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5 |

## Bibliography

CTE - Codi Tècnic de la Edificació

<http://www.codigotecnico.org/web/>

REBT

<http://www.boe.es/buscar/doc.php?coleccion=iberlex&id=2002/18099>

RSCIEI

[www.boe.es/boe/dias/2004/12/17/pdfs/A41194-41255.pdf](http://www.boe.es/boe/dias/2004/12/17/pdfs/A41194-41255.pdf)

RIPCI

[www.boe.es/boe/dias/1993/12/14/pdfs/A35159-35168.pdf](http://www.boe.es/boe/dias/1993/12/14/pdfs/A35159-35168.pdf)

RD 862/2009

<http://www.boe.es/buscar/doc.php?id=BOE-A-2009-9043>

AENOR

[http://www.aenor.es/aenor/certificacion/seguridad/seguridad\\_ohsas.asp#.V40ejDX77K0](http://www.aenor.es/aenor/certificacion/seguridad/seguridad_ohsas.asp#.V40ejDX77K0)

DECRET 30/2015

[www.diba.cat/...Decret+30\\_2015.../](http://www.diba.cat/...Decret+30_2015.../)

DECRET 112/2010

[http://dogc.gencat.cat/ca/pdogc\\_canals\\_interns/pdogc\\_resultats\\_fitxa/?documentId=540841&language=ca\\_ES&a](http://dogc.gencat.cat/ca/pdogc_canals_interns/pdogc_resultats_fitxa/?documentId=540841&language=ca_ES&a)

REAL DECRETO 171/2004

[www.conectapyme.com/gabinete/publicaciones/manual\\_RD\\_171-2004.pdf](http://www.conectapyme.com/gabinete/publicaciones/manual_RD_171-2004.pdf)

LLEI 30/1995

[www.insht.es/InshtWeb/Contenidos/.../PDFs/leydeprevencionderiesgoslaborales.pdf](http://www.insht.es/InshtWeb/Contenidos/.../PDFs/leydeprevencionderiesgoslaborales.pdf)

REAL DECRETO 604/2006

[www.insht.es/.../realdecreto6042006de19demayoporelquesemodificanelrea.pdf](http://www.insht.es/.../realdecreto6042006de19demayoporelquesemodificanelrea.pdf)

REAL DECRETO 486/1997

[www.unimat.es/upload/20071212162650.rd\\_486-1997.pdf](http://www.unimat.es/upload/20071212162650.rd_486-1997.pdf)

REAL DECRETO 1627/1997

[www.unimat.es/upload/20071212162715.rd\\_1627-1997.pdf](http://www.unimat.es/upload/20071212162715.rd_1627-1997.pdf)

Reglamento UE 2016/679 del parlamento Europeo y del consejo GDPR

Martinez garcia,F. ( 1993) diccionario mafre de la seguridad integral.Madrid:mafre.-

Nebreda.M.(2001) Intimidad y seguridad.Barcelona:Instituto de estudios de la gobernabilidad y la seguridad.-

#### BIBLIOGRAFIA LIBRE POR INTERNET

Sánchez O..*1ª Publicación Protocolo, Comunicación y Seguridad en Eventos: posibles amenazas* (2016) madrid . Editorial Icono14

Sánchez O..*2ª Publicación Protocolo, Comunicación y Seguridad en Eventos:Situaciones Criticas* (2017) madrid . Editorial Icono14

Sanchez. O..*3ª Publicación Protocolo, Comunicación y Seguridad en Eventos: observatorio científico de eventos : Analisis de la comunicacion en seguridad* (2018) madrid . Editorial Icono14

Sanchez. O..*4ª Publicación Protocolo, Comunicación y Seguridad en Eventos: observatorio científico de eventos : Observatorio científico de eventos* (2019) madrid . Editorial Icono14

#### **Software**

This subject does not need a specific program