

**Practicum I**

Code: 104687  
ECTS Credits: 6

Degree	Type	Year	Semester
2502501 Prevention and Integral Safety and Security	OB	2	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**

Name: Juan Antonio Sierra Baz  
Email: JuanAntonio.Sierra@uab.cat

**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: No

**Other comments on languages**

There is documentation in English

**Teachers**

Juan Antonio Sierra Baz

**Prerequisites**

This subject doesn't have any pre-requierments

**Objectives and Contextualisation**

The security project is the basic tool that has to be handled by the private security professional, especially in its management aspect or security management, in user companies, they must be contained from the risk analysis, - the statistical studies on events and causes, - the legal framework with the inexcusable obligations and imperatives, but also the limitations, - the organization and management models of both material and human resources, - decision making, - knowledge of the state of the arts of technology applicable, - the procedures for action; the connection with the business or social philosophy and ethics, up to the cost benefit analysis of the implemented security measures and likewise, not to be exhaustive, other elements that are part of the course curriculum.

The subject of PRACTICUM I pursues the purpose of placing the theoretical knowledge acquired in the first year subjects and in parallel to which they acquire during the first semester in practical applications much closer to the real practice in which they will find themselves when practicing the profession for which they are preparing. In this first project we will focus on the realization of a comprehensive security project undertaken as an industrial or commercial activity, generally inserted in an industrial, logistics or service area. Each student individually will choose and propose to the teacher, for approval, a different company that can obtain sufficient information about it, and that can be visited physically. In another case, the teacher will assign a model example. On the approved proposal, the student will develop their individual project that will be evaluated throughout the semester. We will classify the diversity of activities that are carried out, understanding the common problems and risks that arise from the joint location of all the agglutinated companies, and

simultaneously the differentiated problems of each of them, by virtue of their specificities, especially the activity they develop, the architectural configuration, the dimension, and the particular cosmogony. In these subjects of second year, for not having studied the technical subjects that bring the students to the knowledge of the equipment, and security systems; the alternative options within the study of solutions can only be generic approaches, having to do greater support in this subject in the most advanced course projects.

#### TRAINING OBJECTIVES

- Learn to identify and evaluate the different risks that affect companies and institutions and by virtue of this analysis, design objectives and design protection programs, consistent, effective and efficient.
- Apply knowledge about the usual operations (modus operandi) used in criminal risks, or physical laws that are met in technological or catastrophic risks, to be able to virtually create scenarios and risk scenes.
- Manage the tables, which will be provided to the student, for the qualitative and quantitative analysis of the risks.
- Understand the concepts of valuation for its correct application and completion.
- Develop the ability to draw conclusions from them and develop and design prevention and protection strategies, with the primary objective of preventing harm, or minimize them if possible. For this it is essential to know equipment, the state of the available technical arts, systems and protection strategies that are the subject of other subjects and that, in this first course of Practicum, they will only be able to know in an incipient way.
- Initiation to the elaboration of operative plans, protocols and procedures of action and prevention.

#### 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

The subject has a Manual where the basic theoretical contents are reflected.

### Unit 1

OVERVIEW AND STRUCTURE OF SECURITY PROJECTS AND RISK PREVENTION IN INDUSTRIAL - COMMERCIAL - RESIDENTIAL AND CORPORATE BUILDINGS ENVIRONMENT

THE RISK CYCLE OF RISK ANALYSIS

INDEX OF THE 10 + 1 STEPS OBJECTIVE OF THE DECA METHOD. STRATEGIC CONCEPTS

SWOT ANALYSIS

QUANTITATIVE VALUE. INVENTORY. PLANIMETRY

### Unit 2

QUALITATIVE ASSESSMENT

CUSTOMIZED RISK - ROOT OF RISKS

STAGED RISK CATALOG

THE QUANTITATIVE ASSESSMENT

THE TABLE 5D-3

### Unit 3

DECISION MAKING:

CHOICE OF ALTERNATIVES

THE DECISION THEORY applied to the choice between prevention and safety strategies.

MATHEMATICAL MODELS: in certainty - risk - uncertainty - competition.

EFFECTIVENESS OF ALTERNATIVES

CHOSEN PROTECTION DESIGN

### Unit 4

IMPLEMENTATION

PLANNING SYSTEMS

COMMUNICATION AND TRAINING

PLAN ICONOGRAPHY

ORGANIZATION AND FUNCTIONAL ASSIGNMENT

THE CONGRUENCE ANALYSIS

SENSITIVITY ANALYSIS - IMPACT ASSESSMENT OF NEW SYSTEMS AND PROCEDURES

THE COST / BENEFIT BALANCE

COMPLEMENTATION AND CORRECTION

REAR SITUATION RISK ANALYSIS

RESTART OF THE CONTINUOUS CYCLE

## Methodology

In the online methodology, students will have to read the manual independently so that in each session they can resolve doubts and expand on questions specific to the Manual.

Autonomous activities will correspond to both personal study and the resolution of exercises and assignments proposed by the teacher. Each student must investigate documentation of topics related to the subject under study and personal consolidation work on what was presented in class. You will also have to monitor and study different exercises and practical cases. Tutorials with the teaching staff will be arranged by email.

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			
Exam	4	0.16	2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5
Theoretical and practical classes with the participation of students	40	1.6	2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5

Type: Supervised

---

Tutorials with students	12	0.48	2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5
-------------------------	----	------	-----------------------------------

---

Type: Autonomous

---

Elaboration of the Project and individual study	94	3.76	1, 4, 3, 8, 6, 7, 9, 11, 10, 5
---	----	------	--------------------------------

---

## Assessment

Continuous evaluation

The final grade of the course will be:

50% PROJECT

- PEC 1 (10%)

- PEC 2 (10%)

- PEC 3 (10%)

- PEC 4 (10%)

- Optional project presentation (10%)

20% FINAL TEST OF THE SUBJECT

30% PROGRESSION, CONTINUITY AND PARTICIPATION

In order to add the grades, the FINAL TEST OF THE SUBJECT must be passed (5)

RECOVERY

The approval by this route, or by the route of the recovery will suppose a 5 like maximum note in the file of the student. In case of not surpassing the asignatura in agreement with the criteria before mentioned (continuous evaluation), it will be possible to do a test of recovery in the date programmed in the schedule, and that will turn on the totality of the contents of the program. To participate in the recovery students must have been previously assessed in a set of activities, the weight of which is equivalent to a minimum of two thirds of the total grade of the subject. However, the grade that will appear in the student's transcript is a maximum of 5-Passed.

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

Plagiarism

Without prejudice to other disciplinary measures deemed appropriate, and in accordance with current academic regulations, "in the event that the student commits any irregularity that may lead to a significant variation in the grade of an assessment act. , this assessment act will be graded with a 0, regardless of the disciplinary process that may be instructed, in case there are several irregularities in the assessment 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 teacher.

Repeating students

Repeating students must follow the criteria established in this guide to pass this guide. Those students who repeat the course should contact the teacher at the beginning of the course.

## Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Assessment of project deliveries	30%	0	0	2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5
Final Assessment Test	20%	0	0	2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5
Project	50%	0	0	2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5

## Bibliography

Bibliography

This subject has a Manual where the specific bibliography of the same is specified

Agencia Estatal Boletín Oficial del Estado. (2021). Código de Seguridad Privada. Madrid. Retrieved from [https://www.boe.es/biblioteca\\_juridica/codigos/codigo.php?id=058\\_Codigo\\_de\\_Seguridad\\_Privada&modo=2](https://www.boe.es/biblioteca_juridica/codigos/codigo.php?id=058_Codigo_de_Seguridad_Privada&modo=2)

## **Software**

This subject does not have a specific syllabus.