

## Civil Protection

Code: 101876  
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

This training program responds to the need for security professionals specialized in the comprehensive management of civil protection services or, in general, corporate safety-related risk prevention, planning and management of emergencies and plans of self protection.

Specifically, with regard to public safety, the acquired knowledge prepares the student to carry out tasks developed by Civil Protection technicians that include both a profile of the administration of the Generalitat (technicians of the General Directorate of Civil Protection and guard technicians of the Center of Operational coordination of Catalonia) and of the local and / or county administration (municipal or county civil protection technicians to lead civil protection in its fields of action and which are based on the coordination of everything related to the prevention, planning and emergency intervention).

With regard to private security, the acquired knowledge prepares the student to develop activities related to the self-protection plans of any activity that generates risk or maybe is an vulnerable element.

The different blocks in which raining program is divided describe and detail the subject of civil protection based on the current legal regulations.

The training objectives are the following:

- Knowing the basic civil protection regulations and apply it to practical cases.
- Define the concept of risk and its associated concepts.
- To know the different methodologies of risk assessment.
- Understand and extrapolate the basic actions associated with the stages of civil protection.
- Knowing the types of civil protection plans.
- Know how to determine the basic structure of content of a civil protection plan.
- Prepare and draft a civil protection plan (of the Generalitat and municipal).
- Prepare and write a self-protection plan.
- Understand the concepts associated with the activation of a plan and the situations associated with its management.

- Knowing how to draw appropriate conclusions based on a practical case related to the management of emergencies.

## Competences

- Act with ethical responsibility and respect for fundamental rights and duties, diversity and democratic values.
- Be able to adapt to unexpected situations.
- Carry out analyses of preventative measures in the area of security.
- Efficiently manage technology in security operations.
- Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
- Identify, manage and resolve conflicts.
- Make changes to methods and processes in the area of knowledge in order to provide innovative responses to society's needs and demands.
- 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.
- Students must develop the necessary learning skills to undertake further training with a high degree of autonomy.
- Students must have and understand knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.
- 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 in institutional and interprofessional networks.

## Learning Outcomes

1. Analyse the sex- or gender-based inequalities and the gender biases present in one's own area of knowledge.
2. Analyse the situation and identify the points that are best.
3. Apply different management systems to public safety.
4. Be able to adapt to unexpected situations.
5. Critically analyse the principles, values and procedures that govern professional practice.
6. Design and implement recovery plans following disasters and mechanisms for contingencies.
7. Design plans for civil protection and the recovery from disasters, applying preventative criteria.
8. Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
9. Identify, manage and resolve conflicts.
10. Propose new methods or well-founded alternative solutions.
11. Propose projects and actions that incorporate the gender perspective.
12. Propose viable projects and actions that promote social, economic and environmental benefits.
13. Respond to problems applying knowledge to practice.
14. 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.

15. 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.
16. Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
17. Students must develop the necessary learning skills to undertake further training with a high degree of autonomy.
18. Students must have and understand knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.
19. Take decision relating to the contingencies involved in managing risks in public systems.
20. Undertake collaborative management of private security plans.
21. Use the capacity for analysis and synthesis to solve problems.
22. Work in institutional and interprofessional networks.

## Content

The contents of the subject will be the following:

### Block 1 - INTRODUCTION

What is civil protection. Who is part of this system.

Basic legislation on Civil Protection and Self-protection Plans.

### Block 2 - EMERGENCY OPERATIONS

Alert concept, emergency.

Functions, responsible, acting and organisms involved in emergencies.

Types of plans

Typical structure of an emergency plan.

Emergency plans in force in Catalonia and Operability.

### Block 3 - EMERGENCY MANAGEMENT

Forecast of risk situations

The prevention and planning of serious risks in Catalonia

Classification of serious risks in Catalonia

Information management

Network of alarms and warnings to the population

Organization and coordination of material and human resources

Civil protection emergency centers

a) Center for Operational Coordination of Catalonia (CECAT)

b) 1-1-2 the common emergency telephone number

Coordination with other plans

### Block 4- STATE AND AUTONOMOUS PLANS

Organizations responsible for emergency management.

Legislative framework

Special and territorial plans

Risk assessment

Autonomic implementation

Block 5 - MUNICIPAL PLANS

Municipal scope and emergency planning.

Functions of the Municipal Civil Protection in emergencies.

Legislative framework

Municipal plans.

Municipal implantation.

Block 6 - SELF-PROTECTION PLANS

Legislative framework

Catalog of activities and centers required to adopt self-protection measures

PAU: basic guidelines for its preparation

Organizational structure of a PAU

Phases and criteria for activating the PAU

Emergency teams: organization and functions

Actions to be carried out:

a) Detection and warning; internal and external notices

b) Emergency communication systems

c) Evacuation and confinement

d) Intervention

e) Action sheets

Implementation, maintenance and updating the PAU

PAU Implementation

Implementation strategies

Exercises and drills

PAU maintenance program

Update and evaluation

## Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Theoric and practical classes with the participation of students	44	1.76	1, 2, 3, 5, 6, 7, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20
Type: Supervised			
Tutorials with the students	12	0.48	1, 4, 8, 9, 11, 13, 21, 22
Type: Autonomous			
Resolution of practical cases and doing works. Personal study.	94	3.76	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22

Teaching language: Catalan

The methodology will consist in the teaching of theoretical and practical classes with the active participation of the students.

In the theoretical part we will consolidate the acquired knowledge of the regulations and the development that affects the Civil Protection and the Emergency. Some classes will be scheduled with specialized personnel.

In the practical part, the student will work with practical cases related to Civil Protection and Self-Protection Plans. A visit to the Center for Operational Coordination of Catalonia, CECAT, will be scheduled.

The tutorials with the faculty will be organized 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.

## Assessment

### Continous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Delivery of 2 work done individually or in group (will be indicated in class)	50% (25% for each PEC)	0	0	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
Written and / or oral tests that allow to value the knowledge acquired by the student.	50%	0	0	1, 11, 14, 15, 16, 17, 18

Continuous evaluation

The continuous evaluation consists of the completion of different exams, exercises and assignments that allow to obtain up to 10 points.

There will be two continuous assessment tests (PAC1 and PAC2). Each PEC has a weight of 25% of the final grade.

To be able to add the different scores and to take the validation test, it is essential to fulfill the following conditions:

Remove a grade equivalent to 5 out of 10 in the PECs, and only in one will be accepted the equivalent of a 3.5/10.

The final test will consist of the realization of answering topics of the subject and related to the content of the PECs with a weight of 50%.

In case of not passing the course according to the criteria mentioned above (continuous assessment), a recovery test may be held on the date scheduled in the timetable, which will deal with all the contents of the program.

In order to participate in the recovery the student must have been previously evaluated in a set of activities, whose weight is equivalent to a minimum of two thirds of the total grade of the subject. However, the grade that will be recorded in the student's transcript is a maximum of 5-Approved.

Students who need to change an evaluation date must submit the request by filling out the document that can be found in the EPSI Tutoring moodle space.

#### Single evaluation

The students who opt for the single evaluation will take a final test of all the content of the subject (50%) and will deliver the two PEC's (25% each pac).

The date of this test and the delivery of the PEC's will be the same scheduled in the schedule for the last exam of the continuous evaluation.

The same recovery system will be applied as for the continuous evaluation.

#### Evaluation of students in the second or more call

Students who repeat the subject must take the scheduled tests and exams and deliver the PEC's for the subject on the dates indicated in the Moodle classroom.

#### Recovery exam

Students who do not pass the subject, who do not reach 4.9 (total) out of 10, in accordance with the criteria established in the previous sections, may take a final exam provided they have evaluated in a set of activities that is equivalent to a minimum of two thirds of the total grade for the course. If you have not been evaluated by these two third parties because you have not taken the tests or delivered the PEC'S, you will obtain a rating of Not Evaluable as established by the EPSI Evaluation Regulations, without having the possibility of taking the final recovery exam. .

In this exam, the set of contents of the subject that have not been passed in the continuous evaluation will be evaluated again.

In the case of passing the final exam, the subject and/or delivery of the work is 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 completing the document found in the Moodle space for EPSI Tutoring.

Once the document is completed, it must be sent to the teaching staff of the subject and to the Degree Coordination

## 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.

Consult the EPSI Evaluation Regulations.

## Other Considerations - Plagiarism

Without prejudice to other disciplinary measures deemed appropriate, and in accordance with current academic regulations, "in the event that the student does any irregularity that may lead to a significant variation in the grade of an evaluation act, they will be graded with a 0 this act of evaluation, regardless of the disciplinary process that may be instituted.

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.

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.

## Bibliography

### State legislation (Spain)

Law 2/1985, of January 21, on civil protection.  
<http://www.boe.es/boe/dias/1985/01/25/pdfs/A02092-02095.pdf>

Law 17/2015, of July 9, of the National Civil Protection System  
<http://www.boe.es/boe/dias/2015/07/10/pdfs/BOE-A-2015-7730.pdf>

Royal Decree 1378/1985, of August 1, on Provisional measures for emergency situations in the cases of serious Merkel, catastrophe or public calamity.

Royal Decree 407/1992, of April 24, which approves the Basic Civil Protection Standard.

Royal Decree 393/2007, of March 23, which approves the basic rule of Self-protection of Centers, establishments and Dependencies devoted to activities that can give rise to emergency situations.

Royal Decree 1468/2008, of September 5, which modifies Royal Decree 393/2007, of March 23, which approves the basic rule of self-protection of Centers, establishments and Dependencies devoted to activities that can give rise to emergency situations.

### Autonomic legislation (Catalunya)

Law 4/1997, of 20 May, on civil protection of Catalonia  
<http://www20.gencat.cat/portal/site/portaljuridic/template.PAGE/menuitem.d15a4e5dfb99396dc366ec10b0c0e1a>

Decree 210/1999, of July 27, which approves the structure of the content for the elaboration and approval of municipal civil protection plans.  
[http://www20.gencat.cat/docs/interior/Home/Arrees%20dactuacio/Proteccio%20Civil/Plans%20de%20proteccio%20Plans%20de%20Protection%20civil/PPCM\\_Decret210\\_1999.pdf](http://www20.gencat.cat/docs/interior/Home/Arrees%20dactuacio/Proteccio%20Civil/Plans%20de%20proteccio%20Plans%20de%20Protection%20civil/PPCM_Decret210_1999.pdf)

Decree 82/2010, of June 29, approving the catalog of activities and centers obliged to adopt self-protection measures and fix the content of these measures

[http://www20.gencat.cat/docs/interior/Home/030\\_areas\\_of\\_action/Civil Protection / self-protection plans / Decree 82\\_2010 self-protection / Documents / decret\\_82\\_2010\\_autoproteccio.pdf](http://www20.gencat.cat/docs/interior/Home/030_areas_of_action/Civil_Protection/self-protection_plans/Decree_82_2010_self-protection/Documents/decret_82_2010_autoproteccio.pdf)

Decree 30/2015, of March 3, which approves the catalog of activities and centers obliged to adopt measures of self-protection and set the content of these measures

Bibliography will be extended to the moodle space.

## Software

This subject will use the basic software of the Office 365 package

## Language list

Name	Group	Language	Semester	Turn
(TE) Theory	1	Catalan	first semester	afternoon