

EUROPASS DIPLOMA SUPPLEMENT

TITLE OF THE DIPLOMA (ES)

Técnico Superior en Coordinación de Emergencias y Protección Civil

TRANSLATED TITLE OF THE DIPLOMA (EN)⁽¹⁾

Higher Technician in Emergency Coordination and Civil Protection

(1) This translation has no legal status.

DIPLOMA DESCRIPTION

The holder of this diploma will have acquired the General Competence with regard to:

Coordinating and supervising the risk evaluation, planning and intervention of emergencies and actions of civil protection and humanitarian logistics with a natural, technological and anthropogenic, origin, guaranteeing the security of people and goods.

Within this framework, the PROFESSIONAL MODULES and their respective LEARNING OUTCOMES acquired by the holder are listed below:

“Emergency planning and civil protection”

The holder:

- Establishes the objectives of emergency plans and civil protection, analysing the potential risks and the specific purposes of the proposal.
- Defines the lines of action to fulfil the objectives of the plans, assessing the available means, the time spent and the risks taken, proposing alternatives.
- Defines the means and the resources, their structure, functions, synchronization, the system of control and command and logistic support, analysing functions, operative capacities and the established security measures.
- Elaborates operating emergency procedures in the event of an emergency, developing the measures of the plans of civil protection and emergencies and optimizing their application
- Organizes and develops exercises and simulacra's, verifying and comparing the efficiency of the plans of civil protection and emergencies.

“Risk assessment and preventive measures”

The holder:

- Assesses natural risks in determined areas, analysing variables and their level of hazard according to the technological and historical features of the events, calculating the dimension of the possible risks.
- Assesses the technological risks in determined areas, analysing variables and their level of hazard, according to the technological and historical features of the events, the potential risk for the population and calculating the dimension of the potential dangers.
- Assesses anthropic risks in determined areas, analysing the indications for danger potentiality according to the features of transit and traffic routes, natural and urban areas, statistical record of the events, and calculating the extent of the possible risk.
- Establishes preventive measures to reduce the risk, analysing the investigations on emergency causes, extracting experiences and assessing and justifying the action to mitigate them.
- Establishes monitoring and warning systems to control risks of natural, technological and anthropic origin, assessing early warning and communication systems in view of the mentioned risks.

“Planning and development of training, informative and divulgative actions on civil protection and emergencies”

The holder:

- Programmes formative plans, applying strategies of structured programming and assessing the priority of needs and the responsiveness of the means available.
- Programmes information and divulgation `plans, analysing channels and resources and defining informative and divulgative actions.
- Produces documentation about training, information and divulgation, organizing contents and using the appropriate supports depending on the target group.
- Carries out formative, informative and divulgative actions, applying observation and group dynamic techniques.
- Assesses actions and plans for information, divulgation and training, assessing the gains achieved and their cost.

“Monitoring of the intervention in risks produced by natural phenomena”

The holder:

- Manages and oversees the actions aimed at guaranteeing the movement of intervention resources in the work area (incident), analysing the risks and optimising the operational response in view of incident produced by natural phenomena.

- Manages and oversees the actions aimed at the control within the area where the incident, produced by natural phenomena, takes place, defining the containment measures and/or evacuation and structuring the presence sector in order to optimize the operative response and the security conditions.
- Manages and oversees the operations aimed at mitigating the risk caused by a natural phenomenon, justifying the procedures of response and the security measures and justifying the working plan and the means to use, in coordination with other possible services operating in the same area.
- Manages and oversees the duties necessary to guarantee the adequacy of the equipment and means to the operative, the relief forces, as well as the last tasks to resolve the incident caused by natural phenomena, making work plans that optimize the operative response in security conditions.
- Manages and oversees the control and rehabilitation of the area affected by natural phenomena during the emergency stage, assessing the coordination or support to the possible specialised companies or services in the area, which may aid the harmed and favour acceptable use, dwelling and recuperation conditions.

“Monitoring of the intervention in technological and anthropic risks”

The holder:

- Manages and oversees the actions to guarantee the movement of intervention resources in the work area (incident), minimizing the risks and coordinating the operative response in case of technological and anthropic incidents.
- Manages and oversees the actions to control the situation in the area of the technological or anthropic incident defining the containment measures and/or evacuation and structuring sectors of presence and work with the aim of optimizing the operative response and the security conditions,
- Manages and oversees the operations for the mitigation of the technological or anthropic incident, establishing procedures and security measures as well as the working plan and the means to be used, and the coordination with other possible services operating in the area.
- Manages and executes the duties necessary to guarantee the suitability of the equipment and means to the operative, the takeover, as well as the tasks to conclude the technological or anthropic incident.
- Manages and oversees the operation of primary control and rehabilitation within the area affected by the technological or anthropic incident with the aim of favouring acceptable use, dwelling and recuperation conditions, coordinating the support of companies or special services.

“Monitoring of the intervention in forest fires and prescribed burning”

The holder:

- On daily bases assesses the risk of fire according to the type of evolution and level, analysing the data from meteorological and statistical sources, and calculating the rate of daily risks for forest fires.
- Activates the resources and means that have to be used in the forest fire assessing the arrival times and the access routes, as well as the needs to optimize the effectiveness of the available means and resources.
- In situ coordinates the actions of the operatives displaced to the forest fire, assessing the delimitation of the areas of operation according to the features of the forest fire and supervising the execution of the attack techniques and the security of the participants.
- In situ coordinates the actuation of the means transported by helicopter and other aerial resources, with the ground means to extinguish and control forest fires, assessing the logistic needs of the operative, substitutes and breaks of the intervening personnel.
- Assesses the causes of the forest fires and of the performance of the intervention teams and means, analysing the agents causing the ignition, either anthropic or natural origin and assessing and contrasting the causal theory.

“Monitoring of the intervention in urban fires and common emergencies”

The holder:

- Schedules the intervention in urban fires and common emergencies, analysing the information on the incident and assessing the material resources and access routes.
- Organizes the intervention to extinguish the fire, analysing the magnitude of the fire and the resources in the intervention area, making action plans.
- Manages and oversees the extinction of the fire, assessing the features of the source of fire, of the resources available and the intervention tactics and the implementation of tasks and equipment.
- Manages and executes the tasks necessary to guarantee the adequacy of equipment and means to the operative in situations of replacement and conclusion of the urban fire, in safe conditions, producing assessment reports for the actuations and proposing documentation systems for the substitution of the operation.
- Manages and executes the control and rehabilitation operations in the area affected by the urban fire, assesses the coordination or support of companies or specialises services, with the aim of promoting acceptable conditions of use, dwelling, recuperation condition.

“Monitoring of the intervention in rescue and salvage operations”

The holder:

- Organizes the salvage and rescue interventions, analysing the geographical and population features of the operation areas, as well as the resources, necessity for means and planning the intervention.
- Manages rescue and salvage operations in highs, defining the tactics and techniques of intervention and applying techniques to give response to contingencies.
- Manages rescue and salvage operations in case of interment due to collapse, avalanche or undergrounds, defining the intervention tactics and techniques, applying techniques to give response to contingencies.

- Assesses the results of the salvage and rescue proceedings in different environments and situation, assessing techniques to analyse strategies and developing suggestions to improve.

“Monitoring of support activities to the people affected by disasters and catastrophes”

The holder:

- Manages the logistic support during the intervention and projection stage, analysing the needs and routes amongst centres and filling and aid distribution systems.
- In situ organizes the areas of the temporary shelter, defining the location of the areas and the aid and maintenance duties.
- Oversees the activities of the teams responsible for the first physical and emotional attention to the people directly affected by an emergency, analysing the need for a psychosocial intervention, of contact restoration amongst relatives and people affected and the application of vital support techniques according to procedures.
- Organizes the intervention measure for psychosocial assistance, assessing the features of the staff and the needs of the people affected.
- Organizes evacuation operations for the population in emergency situations, analysing evacuation routes, times and the need for provisions.

“Management of emergency resources and civil protection”

The holder:

- Defines the vigilance and intervention means, producing the means inventory and assessing their availability, according to the type of intervention and the catalogue of resources in the intervention plan.
- Plans and oversees the maintenance of equipment, technical means and facilities, analysing the technical documentation of the equipment and justifying the improvement of the technical means used in the emergency operations.
- Produces the preventive maintenance programme for equipment, tools and machinery for operative intervention, defining the maintenance parameters, the necessary means and the system for information recording
- Assesses the maintenance plan, analysing the interventions carried out and proposing improvements in the work procedures.
- Organizes and manages the human resources of the intervention equipment, assessing their adequacy to the types of intervention and programming the activities.
- Oversees the activities of the work team, assessing the professional performance and proposing improvements in its organization.

“Project on emergency coordination and civil protection”

The holder:

- Identifies the needs of the production sector, relating them with the standard projects that may satisfy them.
- Designs projects related to the competences described in the diploma, including and developing their constituting stages.
- Plans the project implementation, determining the intervention plan and associated documentation.
- Defines the procedures for the monitoring and control of the project implementation, justifying the selection of variables and instruments used.

“Professional Training and Guidance”

The holder:

- Selects job opportunities, identifying the different possibilities of labour integration, and the alternatives of lifelong learning.
- Applies teamwork strategies, assessing their effectiveness and efficiency on the achievement of the company's goals.
- Exercises rights and complies with the duties derived from labour relationships, recognising them in the different job contracts.
- Determines the protective action of the Spanish Health Service in view of the different covered eventualities, identifying the different types of assistance.
- Assesses risks derived from his/her activity, analysing job conditions and risk factors present in his/her labour setting.
- Participates in the development of a risk prevention plan in a small enterprise, identifying the responsibilities of all agents involved.
- Applies protection and prevention measures, analysing risk situations in the labour setting of the Higher Technician in Emergency Coordination and Civil Protection.

“Business and Entrepreneurial Initiative”

The holder:

- Recognises skills related to entrepreneurial initiative, analysing the requirements derived from job positions and business activities.
- Defines the opportunity of creating a small enterprise, assessing the impact on the performance setting and incorporating ethic values.
- Carries out the activities for the setting-up and implementation of a company, choosing the legal structure and identifying the associated legal obligations.

- Carries out basic administrative and financial management activities of an SME, identifying the main accounting and tax obligations and filling in documentation.

“On the Job Training”

The holder:

- Identifies the structure and the organization of the company, relating both to the production and sale of the products obtained.
- Applies labour and ethic habits in his/her professional activity according to the characteristics of the job position and the procedures established by the company
- Plans and oversees the actions aimed at the initial control of area of the incident caused by natural, technological or anthropic phenomena, urban and forest fires, producing the necessary technical documentation and justifying the actions in order to optimize the operative response and the security conditions.
- Oversees the operations aiming at mitigating the risk of a natural, technological or anthropic phenomena, justifying the response procedures and the security measures and the working plan as well as the means to use, in coordination with other service that may operate in the area.
- Oversees the extinction of the urban fire, justifying the procedures of response and the security measures, and the working plan as well as the means to use, in coordination with other service that may operate in the area.
- Oversees the operations of rescue and salvage, justifying the response procedures and the security measures, and the working plan as well as the means to use, in coordination with other service that may operate in the area.
- Oversees the activities of the equipment responsible for the first physical and emotional attention to people directly affected by an emergency, analysing need for a psychosocial intervention, for the reestablishment of the contact amongst relatives and people affected and for the application of vital support techniques according to the procedures established.

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE DIPLOMA

The Higher Technician in Emergency Coordination and Civil Protection works in the environment of civil protection and emergencies, especially in the state services of civil protection, in the Military Emergency Unit, in regional, intermunicipal and municipal services, in organizations of humanitarian aid in emergencies and catastrophes and in areas of fire extinction in private companies.

The most relevant occupations or jobs are the following:

- Technician of management for civil protection and emergencies
- Technician of management of forest fires
- Coordinator of civil protection and emergencies
- Coordinator of forest fires
- Coordinator of common and extraordinary emergencies
- Head of extinction services of urban fires
- Head of intervention services in case of emergencies of natural, technological and anthropic origin.

AWARD, ACCREDITATION AND LEVEL OF THE DIPLOMA

Name of the body awarding the diploma on behalf of the King of Spain: Spanish Ministry of Education or the different Autonomous Communities according to their areas of competence. The title has academic and professional validity throughout Spain.

Official duration of the education/ training leading to the diploma: 2000 hours.

Level of the diploma (national or international)

- NATIONAL: Non-University Higher Education
- INTERNATIONAL:
 - Level 5 of the International Standard Classification of Education (ISCED5).
 - Level 5 of the European Qualifications Framework (EQF5).

Entry requirements: Holding the Certificate in Post-Compulsory Secondary Education (Bachillerato) or holding the corresponding access test.

Access to next level of education/training: This diploma provides access to university studies.

Legal basis: Basic regulation according to which the diploma is established:

- Minimum teaching requirements established by the State: Royal Decree 906/2013, of 22 November, according to which the diploma of Higher Technician in Emergency Coordination and Civil Protection and its corresponding minimum teaching requirements are established.

Explanatory note: This document is designed to provide additional information about the specified diploma and does not have any legal status in itself.

COURSE STRUCTURE OF THE OFFICIALLY RECOGNISED DIPLOMA

PROFESSIONAL MODULES IN THE DIPLOMA ROYAL DECREE	CREDITS ECTS
Emergency planning and civil protection	9
Risk assessment and preventive measures	10
Planning and development of training, informative and divulgative actions on civil protection and emergencies	5
Monitoring of the intervention in risks produced by natural phenomena	7
Monitoring of the intervention in technological and anthropic risks	9
Monitoring of the intervention in forest fires and prescribed burning	10
Monitoring of the intervention in urban fires and common emergencies	8
Monitoring of the intervention in rescue and salvage operations	10
Monitoring of support activities to the people affected by disasters and catastrophes	9
Management of emergency resources and civil protection	7
Project on emergency coordination and civil protection	5
Vocational Training and Guidance	5
Business and Entrepreneurial Initiative	4
On the Job Training	22
	TOTAL CREDITS
	120
OFFICIAL DURATION (HOURS)	2000

* The minimum teaching requirements shown in the table above comprise 55% official credit points valid throughout Spain. The remaining 45% corresponds to each Autonomous Community and can be described in the **Annex I** of this supplement.

INFORMATION ON THE EDUCATION SYSTEM

