Universidad Zaragoza

Academic Year/course: 2024/25

30176 - Applied Defence Logistics

Syllabus Information

Academic year: 2024/25
Subject: 30176 - Applied Defence Logistics
Faculty / School: 179 - Centro Universitario de la Defensa - Zaragoza
Degree: 563 - Bachelor's Degree in Industrial Organisational Engineering
ECTS: 4.5
Year: 3
Semester: Second semester
Subject type: Compulsory
Module:

1. General information

The objective of this subject is for students to acquire both theoretical and practical knowledge about the organization and functioning of the Spanish Army (ET) in terms of material and personnel logistics in different areas of application: Internal Logistics and Operations Logistics. The content will have a primarily practical focus, descriptive of the current situation, and will enable students to acquire the tools and knowledge necessary to keep their knowledge updated.

2. Learning results

1. Define the doctrinal framework and legislation of internal logistics in the ET, as well as the corresponding logistical procedures affecting small units.
2. Define the doctrinal framework of Operational Logistics, and apply the organization, deployment, and logistical procedures that affect small units in military operations.
3. Define basic notions of security in national territory in the context of the Army.

3. Syllabus

- Historical evolution of logistics. Definition, classifications, and generalities of logistics. Logistic Functions and Systems. Organic structures of MINISDEF and ET.
- Hierarchical levels of logistic systems in the functional structure of the ET.
- Management of material resources in internal logistics. The Logistic Cycle. General regulations and application procedures for a Company Commander and Platoon Leader regarding the logistic functions of Supply, Maintenance, Movement and Transportation, Administration, and Works.
- Management of human resources in Internal Logistics. Military Career Legislation. Law of Troop and Seamen. General regulations and application procedures. Human resource management tools.

4. Academic activities

- Theoretical classes.
- Classroom practices:
    - Case method: In certain topics, the case method will be applied. The professor will present a real problem that students must solve in small groups, with prior individual work, and produce a report with the results, which they will defend as a group before the professor.
- Tutorials, both individual and group. Group tutorials are particularly important for potential practical cases presented.
- Flexible web-based training tools:
    - General subject information: details of professors, subject program, evaluation criteria, subject calendar, etc.
    - Basic content: notes or presentations used in class, updated legislation, etc.

5. Assessment system

First call

- Continuous assessment:
    - The theoretical-practical tests of continuous assessment must be passed with a minimum average grade of 5 out of 10.
    - Continuous work tracking of the student (10% of the final grade). During the subject, the student will have up to 4 short written tests.
    - Theoretical-Practical tests of continuous assessment (60% of the final grade). There will be 2 tests.
    - Directed work (30% of the final grade). This will include practical cases to be solved both individually and in groups.

Final overall test

- Students who do not pass the subject through continuous assessment or wish to improve their grade will be entitled to take a Global Test.
- The theoretical-practical test will account for 70% of the grade and must be graded with a minimum of 5 out of 10 to pass the subject. The work will account for 30% of the final grade.

Second call

- Students who do not pass the subject in the first session may take a Global Test set in the academic calendar for the second session.

Evaluation Instrument	Weighting	RA-1	RA2	RA3
Continuous work tracking	10%	X	X	X
Theoretical-Practical Tests	60%	X	X	X
Directed Work	30 %	X	X	X

6. Sustainable Development Goals

5 - Gender Equality
9 - Industry, Innovation and Infrastructure
10 - Reduction of Inequalities