

Academic Year/course: 2022/23

68652 - Logistics Management

Syllabus Information

Academic Year: 2022/23

Subject: 68652 - Logistics Management

Faculty / School: 179 - Centro Universitario de la Defensa - Zaragoza

Degree: 578 - Master's in Direction and Management of Defense Procurement Systems

ECTS: 5.0

Year: 1

Semester: Annual

Subject Type: Compulsory

Module:

1. General information

1.1. Aims of the course

The course develops the contents of logistics management necessary for the proper functioning of the organisation.

The fundamentals of logistics will be studied from a global point of view. The idea of logistics management will be explored in depth throughout the entire cycle of a defence systems acquisition project. The characteristics of the Ministry of Defence's logistics management systems will be explained.

The bases will be established for carrying out joint logistics and operational management with other actors and their development in accordance with the rules and regulations of possible alliances and/or international agreements.

These approaches and objectives are in line with the following Sustainable Development Goals (SDGs) of the United Nations 2030 Agenda (<https://www.un.org/sustainabledevelopment/>) in particular Goal 9: Industry, innovation and infrastructure and Goal 12: Responsible production and consumption, in such a way that the acquisition of the course learning outcomes provides training and competence to contribute to their achievement to some degree.

1.2. Context and importance of this course in the degree

The course develops the contents for a deep knowledge of logistics management and administration necessary for the proper functioning of any organisation. It is an essential part of the support for the life cycle of a system such as those that take place in the logistics area of the Army in the allied and international context.

1.3. Recommendations to take this course

There are no prerequisites for this subject. However, in order to make the most of it, it is recommended that it be taken once the subject of Defence Systems Acquisition Policies has been passed. With the global vision of the whole procurement process, the keys to Logistics Management can be studied in depth.

2. Learning goals

2.1. Competences

Basic and general competences

CB6 - To possess and understand knowledge that provides a background or opportunity for originality in the development and/or application of ideas, often in a research context.

CB7 - Students are able to apply their acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study.

CB8 - Students are able to integrate knowledge and deal with the complexities of making judgements based on incomplete or limited information, including reflections on the social and ethical responsibilities associated with the application of their knowledge and judgements.

CB9 - Students are able to communicate their conclusions and the ultimate knowledge and reasons that support them to specialised and non-specialised audiences in a clear and unambiguous way.

GC2 - Ability to understand and manage at managerial and senior management level the technical, economic, legislative and political aspects of the defence and security procurement environment.

GC3 - High capacity for analysis and synthesis.

GC6 - Ability to work and lead interdisciplinary teams.

Specific competences

SC3 - Management of files according to the laws, regulations and instructions in force.

SC4 - Identification, direction and management of logistical requirements associated with acquisition programmes.

2.2. Learning goals

The main objective of this module is that students master the logistics function as a support to the life cycle of a system, as well as logistics in the Army and in the Allied or international environment.

2.3. Importance of learning goals

Learning this module helps the student to gain a detailed knowledge of the characteristics of logistics management in a broad sense. In this way, they become familiar with a key element in any management process. In addition, tools for decision making at management level are provided.

3. Assessment (1st and 2nd call)

3.1. Assessment tasks (description of tasks, marking system and assessment criteria)

Continuous assessment will be carried out with the following assessment task:

E01 - Self-assessment activities. 10%

E02 - Resolution of exercises and assignments. 40%

E03 - Exams with short answer questions and multiple-choice questions about theoretical-practical contents. 50%

In order to pass the module, students must obtain an average score of 5 out of 10.

The calendar and format of these modules will be published at the beginning of the module.

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

Teaching shall be semi-presential combining virtual sessions and presential sessions on a monthly minimum basis. These presential sessions will be dedicated to assessment tasks and to those thematic blocks in which students' attendance, due to their content, increases greatly the comprehension of the subject.

In non presential activities, students will be provided with enough material for development. Furthermore, the right means will be provided to allow the proper student-teacher interaction.

Presential sessions will be virtual and presential.

4.2. Learning tasks

In order to achieve the objectives, the following activities shall be carried out:

- Presential sessions: theoretical and practical activities promoting student participation.
- Virtual sessions: theoretical and practical activities carried out in a virtual manner.
- Distance teaching: activities carried out through the virtual campus providing students with a great amount of material to work with.
- Teacher-student interaction by means of chats and forums developed throughout the sessions.

4.3. Syllabus

1. Introduction
2. Logistics foundations
3. Life cycle foundations
4. NATO logistics
5. Ministry of Defence's logistic management systems

4.4. Course planning and calendar

This is a 5 TCS course, totaling 125 hours, of which 50 hours are dedicated to the subjects taught by the teachers and 75 hours is the time dedicated to the additional work carried out by the students.

There will be 2 presential sessions consisting of 10 hours of lectures.
The rest of the activities up to 50 hours shall be carried out as distance classes.

Teaching shall be semi-presential, combining virtual teaching sessions and presential sessions at least on a monthly basis. These presential sessions will be dedicated to assessment tasks and to those thematic blocks in which students' attendance, due to their content, increases greatly the comprehension of the subject.

In the event that the health situation and evolution prevents the holding of face-to-face sessions, they will be carried out remote

4.5. Bibliography and recommended resources

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=68652>