

## 68654 - Project Management

### Syllabus Information

**Academic year:** 2023/24

**Subject:** 68654 - Project Management

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

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

**ECTS:** 13.0

**Year:** 1

**Semester:** Annual

**Subject type:** Compulsory

**Module:**

### 1. General information

The main objective of the course is for the student to acquire knowledge and understanding to carry out the leadership and management of a project from its initial phases to the corresponding audit and closure of the project. Students are expected to be able to manage the different aspects of a project such as planning and scheduling, project progress control, quality management, risk management and cost management. Special emphasis will be given to systems engineering as a project management tool.

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 such a way that the acquisition of the course learning outcomes provides training and knowledge, skills and competence to contribute to their achievement to some degree.

### 2. Learning results

The main objective of the course is for the student to acquire knowledge and understanding of the more specific part, such as departmental responsibility, with application of control methods, design and follow-up, risk study, quality management, progress measurement and its metrics. Special emphasis is placed on the use of systems engineering to cover the entire program process, as well as guidelines are given for the definition of requirements, the development of reference documents in defense systems acquisitions, and the completion and audit and closure of the project.

### 3. Syllabus

1. Introduction: Project Management Methodologies
2. Systems Engineering
3. Project Integration Management
4. Project Stakeholders Management
5. Project Scope Management
6. Project Time Management
7. Project Risk Management
8. Project Procurement Management
9. Project Cost Management
10. Project Quality Management and Project Closure

### 4. Academic activities

Teaching will be based on blended learning, combining both virtual and face-to-face sessions and activities (synchronous and asynchronous), with a minimum monthly frequency of the latter, including:

- **Presential sessions:** master classes with theoretical and practical activities promoting student participation.
- **Virtual sessions:** master classes with theoretical and practical activities to support the contents of the course.
- **Autonomous work and individual study:** using the virtual campus where students have the material to read, study and work.
- **Practical work, application studies and assessment activities:** cases and deliverables.
- **Tutorials and forums:** using the virtual campus to promote teacher-student interaction.

### 5. Assessment system

FIRST CALL

The **continuous assessment** system is based on the following activities:

- E01: Self-evaluation activities (10%)

- E02: Exercises resolution and practical works (40%)
- E03: Written work with theoretical and practical contents (50%)

**Final Exam:**

The students who do not pass the subject by continuous assessment or who would like to improve their grades, will have the right to take the Final Exam set in the academic calendar, prevailing, in any case, the best of both grades. This global assessment will be equivalent to the continuous assessment test described and will have the 100% weight in the final grade. To pass the subject, the student's final grade must be equal to or greater than 5.

**SECOND CALL**

**Final Exam:**

The students who do not pass the subject in the first call may take the Final Exam set in the academic calendar for the second call. This global assessment will be equivalent to the continuous assessment test described and will have the 100% weight in the final grade. To pass the subject, the student's final grade must be equal to or greater than 5.