

68655 - Management of DGAM's specific acquisition programs

Syllabus Information

Academic Year: 2020/21

Subject: 68655 - Management of DGAM's specific acquisition programs

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

Degree: 578 - Master's in Defence Systems Acquisition Management

ECTS: 3.0

Year: 1

Semester: Annual

Subject Type: Compulsory

Module: ---

1.General information

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

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

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.

- **NON PRESENTIAL ACTIVITIES.** All the activities will be carried out through the virtual campus providing students access to a great amount of relevant material. Besides, this kind of teaching will facilitate teacher-student interaction by means of chats and forums throughout the course. A key element for students will be to have a Working Guide for every subject, which will include a recommended schedule regarding the readings and activities included in each thematic unit aimed at facilitating the monitoring by the teacher
- **PRESENTIAL-VIRTUAL ACTIVITIES.** Some of the subjects will be delivered in virtual sessions in which the teacher will connect to a videoconference platform while students will connect from their own devices, so their presence is not required. These sessions will be carried out through the Armed Forces' platform, recently migrated to Moodle, and the implementation of a multiple videoconference platform, allowing students and teachers to build a teaching community where they can share their doubts, reflections and opinions. Online synchronous and asynchronous meetings, by means of tools such as forums of debate, chats or even videoconferences, will be open to voluntary participation. Guest lecturers or professionals can also participate. Planning will be fortnightly in order to promote the interaction between the students and their subjects and teachers.
- **PRESENCIAL ACTIVITIES.** They consist of traditional type lectures in which different kind of problems and assessments are addressed. They will take in those facilities in Madrid designated by the Ministry of Defense. Dates will be settled according to the academic schedule and the time table set by the Defense University Center.

4.2.Learning tasks

In order to achieve the objectives mentioned in section 3.1, 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

INTRODUCTION

ARMAMENT AND MATERIEL PROGRAMMES MANAGEMENT ORGANIZATION

- ? Centralization process
- ? Organization
- ? Programme Offices
- ? Methods and processes area
- ? SDG GESPRO ?s process paper

ARMAMENT AND MATERIEL PROGRAM PROCESS

- ? Introduction
- ? Programme establishment
- ? Specifications
- ? Procurement support
- ? Planning management
- ? Risk management
- ? Requirement management
- ? Configuration and Logistic Support Management ? Changes Management
- ? Reception of Systems, Equipment and Materiel

TOOLS FOR PROGRAMME MANAGEMENT EXAMPLES AND LESSONS LEARNED

4.4.Course planning and calendar

This is a 3 TCS course, totaling 75 hours, of which 30 hours are dedicated to the subjects taught by the teachers and 45 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 30 hours shall be carried out as distance classes.

Dates will be settled according to the academic schedule and the time table set by the Defense University Center.

Teaching shall be semi-presential, combining virtual teaching sessions and presential sessions at least once a month. 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

- Instruccio?n 2/2011, de 27 de enero, del Secretario de Estado de Defensa, por la que se regula el proceso de Planeamiento de los Recursos Financieros y Materiales
- Instruccio?n 67/2011, de 15 de septiembre, del Secretario de Estado de Defensa, por la que se regula el Proceso de Obtencio?n de Recursos Materiales
- Instruccio?n 72/2012, de 20 de marzo, del Secretario de Estado de Defensa por la que se regula el proceso de Obtencio?n del armamento y material y la gestio?n de sus programas.
- NATO AAP-20 NATO Programme Management Framework (NATO Life Cycle Model) - Edition C Version 1 - October 2015
- NATO AAP-48 NATO System Life Cycle Processes - Edition B Version 1 - Mars 2013 (Actualizacio?n prevista 2018)
- ISO/IEC/IEEE 15288 Systems And Software Engineering - SYSTEM LIFE CYCLE PROCESSES - Edition 2015(E)