

68654 - Project Management

Syllabus Information

Academic Year: 2020/21

Subject: 68654 - Project Management

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

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

ECTS: 13.0

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 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 the students' presence, due to their content, helps to increase the comprehension of the subject.

? NON PRESENCIAL ACTIVITIES. All the activities will be performed by means of the virtual campus, providing students access to a great amount of relevant material. Furthermore, this type of teaching facilitates the interaction between students and teachers by means of chats and forums throughout the sessions. 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.

? Some of the subjects will be delivered in virtual classes in which the teacher will connect to a videoconference platform while each student will connect from their own devices, so their presence is not required. These classes will be performed 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 interaction between the students and their subjects and teachers.

? PRESENCIAL ACTIVITIES. They consist of traditional type lectures in which different types of problems and assessments will be addressed. They will take place in those facilities designated by the Ministry of Defense in Madrid.

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, 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 campus providing students with a great amount of material to work with.
- Teacher-student interaction using chats and forums developed throughout the session.

4.3.Syllabus

1. Introduction
2. Project Integration Management
3. Project scope management
4. Time management of a project
5. Cost management of a project
6. Procurement management of a project
7. Quality management of a project

4.4.Course planning and calendar

This is a 13 ETCS course, totaling 325 hours, of which 130 hours are dedicated to the subjects taught by the teachers and 195 hours is the time dedicated to the additional work carried out by the students.

There will be 6 presential sessions consisting of 30 hours of lectures and 4 hours of virtual classes. The rest of the activities up to 130 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.

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

- George M.L.; Rowlands D.; Price M.; Maxey J. Lean Six Sigma pocket toolbox. McGraw Hill, 2005
- Greene, J, Andrew S.,Head First PMP: A Learner's Companion to Passing the Project Management Professional Exam. " O'Reilly Media, Inc.", 2013.
- Jadraque, Daniel Echeverría. Manual para project managers: cómo gestionar proyectos con éxito. Wolters Kluwer, 2011.
- Kaplan, R.S.; Norton, D.P. El cuadro de mando integral: the balanced scorecard. Gestión 2000, 2016.
- Monforte, M. Dirección de programas, proyectos e ingeniería de Sistemas. Ministerio de Defensa. Secretaría General Técnica, 2016
- Mulcahy, R. PMP Exam Prep: Rita's Course in a Book for Passing the PMP Exam. Project Management Institute Inc., 2013
- PMBOK® Guide. A guide to Project management body of knowledge (PMBOK guide) - 5th Edition. Project Management Institute Inc., 2013
- UNE ISO 21500:2013. Directrices para la dirección y gestión de proyectos. AENOR. Marzo 2013