

## Project Management

Academic Year: ( 2022 / 2023 )

Review date: 22-04-2022

Department assigned to the subject: Mechanical Engineering Department

Coordinating teacher: RIVERA RIQUELME, FRANCISCO ANTONIO

Type: Electives ECTS Credits : 6.0

Year : Semester :

## REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

No prerequisites.

## OBJECTIVES

- Knowledge and ability to organize and manage projects.
- Knowledge of the organizational structure and functions of a project office.

## DESCRIPTION OF CONTENTS: PROGRAMME

- Project concept
- Project management methodology
- Project phases
- Project planning and control
- Project evaluation
- Project supply management
- Project organization types
- Classic documentary project organization
- Organizational structure and functions of a project office
- Legislation. Environmental Aspects

## LEARNING ACTIVITIES AND METHODOLOGY

Lectures, exercises, practical sessions, cases and assignments to be carried out by the students and discussed during the sessions, complementary readings.

## ASSESSMENT SYSTEM

60% Final written exam

40 % Continuous evaluation. One partial exam will be held.

Attendance to the practical sessions.

<b>% end-of-term-examination:</b>	60
<b>% of continuous assessment (assignments, laboratory, practicals...):</b>	40

## BASIC BIBLIOGRAPHY

- Kerzner, H. Project management: a systems approach to planning, scheduling and controlling, John Wiley & Sons, 2006

## ADDITIONAL BIBLIOGRAPHY

- Carrasco, J.; Ramos, R. Manual de planificación y gestión de proyectos administrativos, Instituto Nacional de Administración Pública, 1986
- Heredia, R. Dirección integrada de proyecto -DIP- : Project Management, Escuela Técnica Superior de Ingenieros Industriales, 1999
- Project Management Institute A guide to the project management body of knowledge: PMBOK guide, Project Management Institute, 2008