

[MHB205] RESEARCH PROJECT MANAGEMENT

GENERAL INFORMATION

Studies	UNIVERSITY MASTER IN INDUSTRIAL ENGINEERING		Subject	?
Semester	1	Course	2	Mention / Field of specialisation ???
Character	OPTIONAL		Language	CASTELLANO
Plan	2022	Modality	Face-to-face	Total hours 20 class hours + 55 non-class hours = 75 total hours
Credits	3	Hours/week	1.11	

PROFESSORS

URIBEETXEBERRIA EZPELETA, ROBERTO

REQUIRED PREVIOUS KNOWLEDGE

Subjects	Knowledge
(No specific previous subjects required)	(No previous knowledge required)

LEARNING RESULTS

LEARNING RESULTS	KC	SK	AB	ECTS
MHRA19 - To demonstrate capacity for the management of technological Research, Development and Innovation		x		0,6
MHR125 - To possess and understand knowledge that provides a basis or opportunity to be original in the development and/or application of ideas, often in a research context		x		0,6
MHR126 - To apply the knowledge acquired and your problem-solving skills in new, little-known or changing environments within broader (or multidisciplinary) contexts related to your area of study		x		0,6
MHR128 - To communicate your conclusions and the knowledge and ultimate reasons that support them to specialized and non-specialized audiences in a clear and unambiguous way		x		0,6
MHR129 - To possess the learning skills that allow them to continue studying in a way that will be largely self-directed or autonomous		x		0,6
Total:				3

KC: Knowledge or Content / SK: Skills / AB: Abilities

ENAAE LEARNING RESULTS

ENAAE LEARNING RESULTS	ECTS
ENA129 - Analysis in engineering: Ability to identify, formulate and solve engineering problems defined incompletely, and/or with conflicts, which accept different valid solutions and require considering knowledge beyond those of their discipline and take into account the social, health and security, environmental, economic and industrial implications; to select and apply the most appropriate methods of analysis, calculation and experimental, as well as the most innovative methods for solving problems.	0,5
ENA131 - Engineering projects: Ability to project, develop and design new complex products (parts, components, finished products, etc.), processes and systems with specifications defined incompletely and/or with conflicts, which require the integration of knowledge from different disciplines, and consider social, health and safety, environmental, economic and industrial aspects; to select and apply the appropriate methodologies or employ creativity to develop new project methodologies.	0,5
ENA132 - Engineering projects: Ability to project while applying the knowledge and cutting-edge understanding of their engineering speciality.	0,5
ENA137 - Research and innovation: Ability to investigate the application of the most advanced technologies in their speciality.	0,5
ENA147 - Communication and Teamwork: Ability to operate effectively in domestic contexts as a member or leader of a team, which may be composed of people of different disciplines and levels, and who can use virtual communication tools.	0,5
ENA149 - Continued training: Ability to acquire further knowledge autonomously.	0,5
Total:	3

CONTENTS

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography
Class presentations	Ley de la ciencia y la tecnología, MICINN, http://www.boe.es/boe/dias/2011/06/02/pdfs/BOE-A-2011-9617.pdf Marco comunitario sobre ayudas estatales de investigación y desarrollo e innovación, Diario Oficial de la Unión Europea (2006/C 323/01) Manual de Frascati, OECD Publications Service, 2002, http://www.uis.unesco.org/Library/Documents/OECDFrascatiManual02_en.pdf .

Norma UNE 166001: 2006 Gestión de la I+D+i: Requisitos de proyectos de I+D+I, Ed. AENOR, 2006.

Plan de Ciencia, Tecnología e Innovación del Gobierno Vasco, PCTI 2015:

<http://www.euskadinnova.net/es/innovacion-tecnologica/ambitos-actuacion/pcti-2015/163.aspx>

Ayudas I+D+i Administración General del Estado:

<http://www.idi.minec>

o.gob.es/portal/site/MICINN/menuitem.94f5cc1dd5adb3dc81ebe010011432ea0/?vgnnextoid=db55b9746e160210VgnVCM1000001034e20aRCRD

Research & Innovation – European Commission:

<http://ec.europa.eu/research>