

[GDJ302] COMPUTER-AIDED DESIGN I

GENERAL INFORMATION

Studies	DEGREE IN INDUSTRIAL DESIGN AND PRODUCT DEVELOPMENT ENGINEERING		Subject	?	
Semester	1	Course	3	Mention / Field of specialisation	
Character	COMPULSORY				
Plan	2022	Modality	Face-to-face	Language	CASTELLANO/EUSKARA
Credits	6	Hours/week	3.44	Total hours	62 class hours + 88 non-class hours = 150 total hours

PROFESSORS

ARANBURU GORROTXATEGI, ARITZ
BASKARAN RAZKIN, MAIDER

REQUIRED PREVIOUS KNOWLEDGE

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

LEARNING RESULTS

LEARNING RESULTS	KC	SK	AB	ECTS
GDR303 - To demonstrate the capacity for spatial vision and knowledge of graphic representation techniques, both through traditional methods of metric geometry and descriptive geometry, and through computer-aided design applications			x	5,08
G-RTR1 - To develop interdisciplinary projects specific to their specialty and of gradual complexity, - becoming aware of respect for human rights and fundamental rights, and analyzing and assessing the impact of the proposed solutions on the SDGs - to acquire and/or apply basic, advanced and /or avant-garde, demonstrating the ability to work in multidisciplinary teams and/or undertake further studies with a high degree of autonomy		x		0,44
G-RTR2 - To express information, ideas and the arguments that support them in an orderly, clear and coherent manner, orally and in writing, based on quality information, self-made or obtained from different sources, using inclusive and non-discriminatory language		x		0,48
Total:				6

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

ENAE LEARNING RESULTS

ENAE LEARNING RESULTS	ECTS
ENAE03 - Knowledge and understanding: Sufficient knowledge of their branch of engineering, including some knowledge at the forefront of their field.	0,32
ENAE04 - Knowledge and understanding: To be aware of the multidisciplinary context of engineering.	0,24
ENAE06 - Analysis in engineering: Ability to apply their knowledge and understanding in analysing product, process and method engineering.	1
ENAE07 - Analysis in engineering: Ability to choose and apply relevant modelling and analytical methods.	1
ENAE08 - Engineering projects: Ability to apply their knowledge in the development and completion of projects which meet specific requirements.	0,8
ENAE09 - Engineering projects: Understanding of the different methods and ability to use them.	0,72
ENAE13 - Practical application of engineering: Ability to select and use suitable equipment, tools and methods.	0,64
ENAE15 - Practical application of engineering: Understanding of applicable methods and techniques and their limitations.	0,48
ENAE16 - Practical application of engineering: To be aware of the implications of the practical application of engineering.	0,4
ENAE18 - Transversal competences: To use different methods to communicate effectively with the engineering community and society in general.	0,4
Total:	6

CONTENTS

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography
Subject notes	http://katalogoa.mondragon.edu/janium-bin/janium_login_opac_re_in k.pl?grupo=DISINDUSTRIAL31&ejecuta=10&_ST
Programmes	
Class presentations	