

Mondragon Unibertsitatea Goi Eskola Politeknikoa Escuela Politécnica Superior

		G	ENERAL IN	IFORMATION					
Studies		DUSTRIAL DESIGN	AND		DRAWING				
Semester	2	Course	-	Mention / Field of specialisation					
	COMPULSORY			•					
Plan Credits	2022		Face-to-face		EUSKARA/C			aa haura	450 44
Credits	0	Hours/week	3.07	Total nours	66 class hour hours	S + 04 I	non-cia	ss nours =	= <u>150 tt</u>
			2030 AGEN	IDA GOALS					
KAND KONTH 9 ANDIVERSITY INVIATION									
			PROFE	SSORS					
ZUGASTI 1	TESO, FELIX								
BASKARA	N RAZKIN, MAID	ER							
		REQUI	RED PREVI						
	-	jects				wledge			
				()	Vo previous kr	nowledg	je requi	ired)	
APHIC EXPRE				RESULTS					
ARNING RESU			LEARNING	RESULIS		кс	SK	AB	ECTS
		n and knowledge of	graphic represe	entation techniques, b	oth through			X	5,4
itional method				through computer-aid					
lications TR1 - To deve	lon interdisciplin:	ary projects specific	to their specialt	y and of gradual comp	olexity -		x		0,36
				and analyzing and ass					-,
				ly basic, advanced an					
		ility to work in multid	lisciplinary tean	ns and/or undertake fu	urther studies				
	e of autonomy								
				ort them in an orderly,			x		0,24
				elf-made or obtained	from different				
rces, using inc	lusive and non-d	liscriminatory langua	ıge						
Kaandadaa ay Oo	ntant / OK: Okilla / AF	A. 4. 1141						Total:	6
-	ntent / SK: Skills / AB NG RESULTS	Admines							ECTS
		anding: A systematic		g of the key aspects a	nd concepts o	f their b	ranch o		0,72
jineering.	age and andered	anding. / Oyotomatic	, and orotanianity						- /
AE06 - Analysi thod engineer		Ability to apply their	knowledge and	d understanding in and	alysing produc	ct, proce	ess and	l	0,72
0	ering projects: At	oility to apply their kr	owledge in the	development and cor	mpletion of pro	ojects w	hich m	eet	1,6
•		enaineerina: Ability t	o select and us	e suitable equipment,	tools and met	thods.			1,6
	• •	• • •		cable methods and te			nitation	S.	0,96
				e of the responsibility					0,4
engineering, th	ne social and env			itment with profession					
								Total:	6
		SECO		ARNING RESULT	<u> </u>				
		3200			5	<u> </u>			
	>								
RGD294 (2 s	em)								
EARNING AC	TIVITIES				СН		<b>NCH</b>	тн	
	-	ords, reports, preser	tations, audiov	isual material, etc. on	1 h.		2 h.	3 h	
evelopment a				estigations carried out					
rojects/work e									
	l/or in teams								
rojects/work e			W	MAKE-UP MECH	ANISMS				





computer practical work, simulation practical work, laboratory practical work, term projects, end of degree project, master's thesis, challenges and problems

CH - Class hours: 1 h. NCH - Non-class hours: 2 h. TH - Total hours: 3 h.

RGD217 [!] Realiza diseños de estructuras soldadas y piezas modeladas en chapa NCH ΤН LEARNING ACTIVITIES СН 5 h 10 h. 15 h. Computer simulation exercises, individually and/or in teams **EVALUATION SYSTEM** W MAKE-UP MECHANISMS Reports on the completion of exercises, case studies, 100% (No mechanisms) computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems CH - Class hours: 5 h. NCH - Non-class hours: 10 h. TH - Total hours: 15 h. 2RGD290 (2 sem) LEARNING ACTIVITIES СН NCH ΤН Development and writing of records, reports, presentations, audiovisual material, etc. on 1 h. 2 h 3 h projects/work experience/challenges/case studies/experimental investigations carried out individually and/or in teams **EVALUATION SYSTEM** w MAKE-UP MECHANISMS 100% (No mechanisms) Presentation and defence of exercises, case studies. computer practical work, simulation practical work, laboratory practical work, term projects, end of degree project, master's thesis, challenges and problems CH - Class hours: 1 h. NCH - Non-class hours: 2 h. TH - Total hours: 3 h. 2RGD291 (2 sem) СН ΤН LEARNING ACTIVITIES NCH 1 h. 2 h. 3 h. Development and writing of records, reports, presentations, audiovisual material, etc. on projects/work experience/challenges/case studies/experimental investigations carried out individually and/or in teams w **EVALUATION SYSTEM** MAKE-UP MECHANISMS 100% Presentation and defence of exercises, case studies, (No mechanisms) computer practical work, simulation practical work,

CH - Class hours: 1 h. NCH - Non-class hours: 2 h.

laboratory practical work, term projects, end of degree project, master's thesis, challenges and problems





TH - Total hours: 3 h.

**RGD216** [!] Representa y acota piezas con superficies complejas respetando las normas de dibujo técnico además de diseñar los moldes necesrios acordea a su posterior fabricación

Personal study and flexible development of concepts and foster more meaningful learning	using active dynamics, to	47 h.	55 h.	102 h.		
Conducting tests, giving presentations, presenting defenc checkpoints	es, taking	examinations and/or doing	3 h.		3 h.	
EVALUATION SYSTEM	W	MAKE-UP MECHANISMS				
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems			(No mecha	anisms)		
Presentation and defence of exercises, case studies, computer practical work, simulation practical work, laboratory practical work, term projects, end of degree project, master's thesis, challenges and problems	20%					
Individual written and/or oral tests or individual coding/programming tests	40%					
: <b>H - Class hours:</b> 50 h. I <b>CH - Non-class hours:</b> 55 h.						

2RGD293 (2 sem)						
LEARNING ACTIVITIES			СН	NCH	ТН	
Development and writing of records, reports, presentation projects/work experience/challenges/case studies/experin individually and/or in teams			1 h.	2 h.	3 h.	
EVALUATION SYSTEM	W	MAKE-UP MECHANI	SMS			
Presentation and defence of exercises, case studies, computer practical work, simulation practical work, laboratory practical work, term projects, end of degree project, master's thesis, challenges and problems	100%		(No mech	anisms)		
CH - Class hours: 1 h. NCH - Non-class hours: 2 h. TH - Total hours: 3 h.						

EARNING ACTIVITIES			СН	NCH	ТН
ersonal study and flexible development of concepts and ster more meaningful learning VALUATION SYSTEM	d subjects u W	ising active dynamics, to	5 h.	10 h.	15 h.
resentation and defence of exercises, case studies, population practical work, simulation practical work,	100%		(No mech	anisms)	





CH - Class hours: 5 h. NCH - Non-class hours: 10 h. TH - Total hours: 15 h.

EARNING ACTIVITIES			СН	NCH	тн
Carrying out/resolving projects/challenges/cases, etc. to interdisciplinary contexts, real and/or simulated, individu			2 h.	1 h.	3 h.
EVALUATION SYSTEM	W	MAKE-UP MECHAN	ISMS		
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	100%		(No mech	anisms)	

CONTENTS

- SolidWorks Surfaces- SolidWorks Welding- SolidWorks Parameterization- SolidWorks Molds

## LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography
[!] Presentaciones en clase	https://katalogoa.mondragon.edu/janium-bin/sumario.pl?Id=2024010
[!] Proyección de videos	3143045
[]] De elle están de mañetico en endeme de m	

[!] Realización de prácticas en ordenador