

Mondragon Unibertsitatea Goi Eskola Politeknikoa Escuela Politécnica Superior

								Superior
		601301] METH	IODOLO	GICAL FOUN	IDATIONS			
		GEN	IERAL INF	ORMATION				
Studies	DEGREE IN IND ENGINEERING	USTRIAL ORGANIZAT	TION	Subject	ORGANISATION	N PROJECT	S	
Semester Character	1 COMPULSORY	Course 1		Mention / Field of specialisation				
Plan	2022	Modality Fac	ce-to-face	Language	FUSKARA			
Credits	6	Hours/week 4.7	8	Total hours	86 class hours +	64 non-clas	ss hours	= <u>150 total</u>
		203	30 AGEND	DA GOALS				
4 EXECUTIVE 8 BEEXT WORK AND EXECUTIVE 8 BEEXT WORK AND EXECUTIVE CONVERTING CONVERTING	ASTRONOMICS 12 ISSPONSIEE CONSIDERTING AND POSICION							
			PROFES	SORS				
GARMEND	IA OCHOANTES	ANA, ALAINE						
SANCHEZ	ZEZIAGA, ANE	BEOLUBE			<u>сг</u>			
	Suk :-	REQUIRE	D PREVIO	US KNOWLED	GE	dac		
(Ne	Subje specific previous	subjects required)			nowie No previous know	ledae reaui	red)	
(I F				iougo ioqui	eu)	
I FARNING RESU	JI TS			REGOLIG		кс ѕк	AB	ECTS
G-RTR1 - To deve becoming aware of impact of the prop avant-garde, dem	lop interdisciplinar of respect for hum oosed solutions on onstrating the abil	y projects specific to th an rights and fundamen the SDGs - to acquire ity to work in multidisci	neir specialty ntal rights, an and/or apply plinary teams	and of gradual comp id analyzing and ass basic, advanced an and/or undertake fu	blexity, - bessing the d/or urther studies	x		3,92
G-RTR2 - To express information, ideas and the arguments that support them in an orderly, clear and × 2,08 coherent manner, orally and in writing, based on quality information, self-made or obtained from different sources, using inclusive and non-discriminatory language								
KC: Knowledge or Co	ntent / SK: Skills / AB:	Abilities					Total:	6
ENAEE LEARNII								ECTS
ENAE01 - Knowledge and understanding: Knowledge and understanding of the underlying scientific and mathematical 2,19 principles in their branch of engineering.							2,19	
ENAE04 - Knowledge and understanding: To be aware of the multidisciplinary context of engineering. 0,48							0,48	
ENAE05 - Analysis in engineering: Ability to apply their knowledge and understanding in identifying, formulating and solving ^{1,2} engineering problems using established methods.							1,2	
ENAE08 - Engineering projects: Ability to apply their knowledge in the development and completion of projects which meet 0,62 specific requirements.						0,62		
ENAE13 - Practical application of engineering: Ability to select and use suitable equipment, tools and methods. 0,28						0,28		
ENAE17 - Transversal competences: To work effectively, both individually and in a team.						0,62		
ENAE18 - Transve and society in ger	ersal competences neral.	s: To use different meth	hods to comn	nunicate effectively v	vith the engineeri	ng commun	iity	0,62
							Total:	6
		SECOND	ARY <u>LEA</u>	RNING <u>RESUL</u> 1	`S			
1RG0190 (1 s	em)							
	TIVITIES				СН	NCH	TI	н
Development a projects/work e individually and	nd writing of recor xperience/challen l/or in teams	ds, reports, presentatio ges/case studies/exper	ons, audiovisi rimental inves	ual material, etc. on stigations carried our	10 h.	15 h.	25	bh.
Carrying out ex	ercises and solvir	g problems individually	y and/or in tea	ams	14 h.	5 h.	19	9 n.
EVALUATION	SYSTEM		W	MAKE-UP MECH	ANISMS			
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems20%Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems								



80%



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 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: 24 h. NCH - Non-class hours: 20 h. TH - Total hours: 44 h.

1RGO194 (1 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	ns, audiovis mental inve	sual material, etc. on estigations carried out	15 h.	11 h.	26 h.	-
EVALUATION SYSTEM	W	MAKE-UP MECHANIS	MS			
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	100%	Presentation and defen practical work, simulation term projects, end of def and problems	ice of exerci on practical egree projec	ses, case stud work, laborato t, master's the	lies, computer ry practical work sis, challenges	
CH - Class hours: 15 h. NCH - Non-class hours: 11 h. TH - Total hours: 26 h.						
						_
1RGO193 (1 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	10 h.	11 h.	21 h.		
Practical work in workshops and/or laboratories, individua	in teams	5 h.		5 h.	
EVALUATION SYSTEM	W	MAKE-UP MECHA	NISMS		
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	90%	Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems			idies, computer ises, term
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	10%	Presentation and defence of exercises, case studies, comport practical work, simulation practical work, laboratory practica term projects, end of degree project, master's thesis, challer and problems			dies, computer ory practical work, esis, challenges

CH - Class hours: 15 h. NCH - Non-class hours: 11 h. TH - Total hours: 26 h.

1RGO192 (1 sem)

LEARNING ACTIVITIES			СН	NCH	тн
Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams			6 h.	5 h.	11 h.
Carrying out exercises and solving problems individually and/or in teams		6 h.	5 h.	11 h.	
EVALUATION SYSTEM W MAKE-UP MECHANISMS					



100%



Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems

CH - Class hours: 12 h. NCH - Non-class hours: 10 h. TH - Total hours: 22 h.

		СН	NCH	тн
, audiovi ental inve	sual material, etc. on estigations carried out	12 h.	8 h.	20 h.
Carrying out exercises and solving problems individually and/or in teams			4 h.	12 h.
W	MAKE-UP MECHANI	SMS		
70%	Observation (technica	l capacity, at	titude and par	ticipation)
30%				
	, audiovi ental inve nd/or in te <u>W</u> 70% 30%	, audiovisual material, etc. on ental investigations carried out nd/or in teams <u>W</u> <u>MAKE-UP MECHANI</u> 70% Observation (technica 30%	CH , audiovisual material, etc. on ental investigations carried out 12 h. nd/or in teams 8 h. W MAKE-UP MECHANISMS 70% Observation (technical capacity, at 30%	CH NCH , audiovisual material, etc. on ental investigations carried out 12 h. 8 h. nd/or in teams 8 h. 4 h. W MAKE-UP MECHANISMS 70% Observation (technical capacity, attitude and par 30%

CONTENTS

1. Get to know each other- Let your colleagues get to know each other's work.- Group cohesion- Team coord ination (time management) / (planning).2. Written documentation- The structure of a report.IntroductionCl assification of contents into sections.ConsequencesAttachments- The appearance of a report.Create a docum ent template on your computerIndexes and automatic pagination.Citation of bibliography.3. Presentations (oral presentation)- Structure of the presentation- Non-verbal communication- Verbal communication- Voice-Level of persuasion4. Learn to learn- Passing the CHAEA questionnaire- Different learning styles.5. PBL methodology- Description of the problem and justification of the problem.- Problem analysis.- Problem lim itation.- Solution proposal.- Solution selection.- Solution implementation.- Report implementation.Comple te the PBL06. Organizational engineering profile

LEARNING RESOURCES AND BIBLIOGRAPHY					
Learning resources	Bibliography				
[!] Apuntes de la asignatura	Simon Hergueta (1996): Aprender a hablar en público. Ed. La Palma				
[!] Artículos de carácter técnico [!] Consultas en páginas web relacionadas con el tema	Etxebarria Bilbao, JR (2014): Komunikazioa Euskaraz ingenieritzan.				
	UEU, Bilbo				
[!] Plataforma Moodle	CHAEA custionario. universidad de Deusto Bustos, C & Moreno, A :				
[!] Presentaciones en clase	Los equipos. Como trabajar juntos sin tiramos trastos				
[!] Proyección de videos					