Goi Eskola Politeknikoa Escuela Politéo nica

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		[GCO303] QUAL						
		GENERAL I	NFORMATION					
	REE IN ENGINEI	ERING IN IN INDUSTRIAL PROCESS	Subject	?				
Semester 2	TECHNOLOGI	Course 3	Mention / Field of					
Character COM	PULSORY		specialisation					
Plan 2022		Modality Face-to-face	Language	EUSKARA				
Credits 4,5		Hours/week 1.44	Total hours	26 class hours	s + 86.5 r	non-cla	ass hours	6 = <u>112.5</u>
	-	2030 AGE		hours				
NOT AND STATEMENT AND								
		PROFI	ESSORS					
ISASTI LAZKANC), ARGIDER							
		REQUIRED PREV	IOUS KNOWLED					
	Subjects				vledge			
(No speci	ific previous subj	• •		No previous kno	owledge	requir	ed)	
		LEARNIN	G RESULTS		KC	۶Ľ		FOTO
ARNING RESULTS R303 - Identifies the d	lifferent techniau	es and strategies to ensure	and improve quality in	industrial	КС	SK x	AB	ECTS 3,78
ocesses		6	,			1-		0.4
		jects specific to their specia hts and fundamental rights,				x		0,4
pact of the proposed s	solutions on the S	SDGs - to acquire and/or ap	oly basic, advanced ar	nd/or				
ant-garde, demonstrat h a high degree of aut		work in multidisciplinary tea	ms and/or undertake f	urther studies				
	ormation, ideas a	ind the arguments that supp	ort them in an orderly,	clear and		x		0,32
herent manner, orally	and in writing, ba	ased on quality information,				x		0,32
herent manner, orally	and in writing, ba	ased on quality information,				x		0,32
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Course: 2024 / 2025 - Course planning

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Politeknikoa Escuela Politécnica Superior					
Development and writing of records, reports, presentati projects/work experience/challenges/case studies/expe individually and/or in teams			2 h.	13 h.	15 h.
Presentation by the teacher in the classroom, in particip procedures associated with the subjects	patory classe	es, of concepts and	12 h.		12 h.
EVALUATION SYSTEM	W	MAKE-UP MECHANIS	SMS		
Individual written and/or oral tests or individual coding/programming tests	100%	Individual written and/o coding/programming te		or individual	
CH - Class hours: 14 h. NCH - Non-class hours: 13 h. TH - Total hours: 27 h.					
2RGC394 (2 sem)			04		
			СН	NCH	TH
Development and writing of records, reports, presentati projects/work experience/challenges/case studies/expe individually and/or in teams				4 h.	4 h.
EVALUATION SYSTEM	W	MAKE-UP MECHANIS	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 Comments: Assessment of the acquired transversal sk Followed methodology to solve the project: team work, de making methods, conflict management Project manage definition of objectives, planning, Written and oral comm CH - Class hours: 0 h.	ecision ement:	Comments: Continuou through the tutoring mea experts, errors are corre overcome the project.	etings and th	ent. The projecter the projecter the meetings he	eld with the
NCH - Non-class hours: 4 h. TH - Total hours: 4 h.					
2RGC391 (2 sem)			211	NOU	71
LEARNING ACTIVITIES			СН	NCH	
Development and writing of records, reports, presentati projects/work experience/challenges/case studies/expe individually and/or in teams				3 h.	3 h.
EVALUATION SYSTEM	W	MAKE-UP MECHANIS	SMS		
Self-assessment	50%		(No mecha	anisms)	
Co-assessment Comments: Assessment of the acquired transversal sk Followed methodology to solve the project: team work, de making methods, conflict management Project manage definition of objectives, planning, Written and oral comm	ecision ement:	Comments: Continuous assessment. The project is managed through the tutoring meetings and the meetings held with the experts, errors are corrected and the precise guidelines are given overcome the project.			eld with the
CH - Class hours: 0 h. NCH - Non-class hours: 3 h. TH - Total hours: 3 h.					

RGC309 [!] Identificar y aplicar diferentes herramientas para asegurar la Calidad y el Cero Defectos en los procesos industriales.

Course: 2024 / 2025 - Course planning

			СН	NCH	ТН
LEARNING ACTIVITIES			СА		
Carrying out/resolving projects/challenges/cases, etc. to p interdisciplinary contexts, real and/or simulated, individual				44,5 h.	44,5 h.
EVALUATION SYSTEM	W	MAKE-UP MECHAN	IISMS		
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	100%		(No mech	anisms)	
CH - Class hours: 0 h. NCH - Non-class hours: 44,5 h. TH - Total hours: 44,5 h.					
2RGC390 (2 sem)					
LEARNING ACTIVITIES			СН	NCH	ТН
Development and writing of records, reports, presentations projects/work experience/challenges/case studies/experim				4 h.	4 h.
individually and/or in teams					
EVALUATION SYSTEM	W	MAKE-UP MECHAN	IISMS		
Reports on the completion of exercises, case studies,	100%		(No mech	/	
computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems		Comments: Continu			
Comments: Assessment of the acquired transversal skills	-	through the tutoring m experts, errors are cor			
Followed methodology to solve the project: team work, deci		overcome the project.		e precise guide	anies are given to
making methods, conflict management Project manageme					
definition of objectives, planning, Written and oral commu					
CH - Class hours: 0 h.					
NCH - Non-class hours: 4 h.					
TH - Total hours: 4 h.					
2RGC392 (2 sem)					
LEARNING ACTIVITIES			СН	NCH	тн
Development and writing of records, reports, presentations	e audiovi	sual material etc. on		3 h.	3 h.
projects/work experience/challenges/case studies/experim individually and/or in teams				0.11	0
EVALUATION SYSTEM	w	MAKE-UP MECHAN	IIGMG		
	100%	MARE-OF MECHAN		aniamal	
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory	100 %	Commenter Continu	(No mech	,	t is managed
exercises, term projects, challenges and problems		Comments: Continu through the tutoring m			
Comments: Assessment of the acquired transversal skills	:	experts, errors are cor			
Followed methodology to solve the project: team work, deci		overcome the project.		1	J
making methods, conflict management Project manageme					
definition of objectives, planning, Written and oral commu	nication				
CH - Class hours: 0 h.					
NCH - Non-class hours: 3 h.					
TH - Total hours: 3 h.					

RGC308 [!] Identificar las diferentes estrategias para asegurar la Calidad en los procesos industriales.



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Course: 2024 / 2025 - Course planning

LEARNING ACTIVITIES			СН	NCH	ТН
Conducting tests, giving presentations, presenting defences, taking examinations and/or doing checkpoints					10 h.
Presentation by the teacher in the classroom, in partic procedures associated with the subjects	cipatory classe	s, of concepts and	2 h.	11 h.	13 h.
EVALUATION SYSTEM	W	MAKE-UP MECHAN	ISMS		
Individual written and/or oral tests or individual coding/programming tests	100%	Individual written and coding/programming		or individual	
CH - Class hours: 12 h. NCH - Non-class hours: 11 h. TH - Total hours: 23 h.					

CONTENTS

1 Zero defects2 Self-control3 Poka Yokes4 Statistical Process Control5 Continuous improvement and quality tools6 CAP and FMEA

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography
[!] Apuntes de la asignatura [!] Plataforma Moodle	http://katalogoa.mondragon.edu/janium-bin/janium_login_opac_re_ln k.pl?grupo=EKOTEKNOLOGIA32&ejecuta=15&_ST
[!] Presentaciones en clase	