Goi Eskola Politeknikoa Escuela Politécnica Superior

	GENER	RAL INI	FORMATION			
Studies DEGREE IN EN	NERGY ENGINEERING		Subject	ORGANISATIO	N AND MANAG	GEMENT
Semester 1	Course 4		Mention / Field of	???		
Character OPTIONAL			specialisation			
Plan 2017	Modality Adapte Face-to		Language	EUSKARA		
Credits 3	Hours/week 2.22		Total hours	40 class hours + hours	- 35 non-class	hours = <u>75 tot</u>
	Р	ROFE	SSORS			
LEGARRETA ALEGRIA, JU						
	REQUIRED F	PREVIC	OUS KNOWLED	GE		
Subjects				Knowle	edge	
(No specific previous subjects required)			(1	Vo previous know	vledge required	1)
		SKIL	LS			
RIFICA SKILLS						
IN10 - Applied knowledge of co	mpany organisation					
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- CH Class hours: 20 h. NCH - Non-class hours: 17,5 h. TH - Total hours: 37,5 h.

RGA402 [!] Propone mejoras en los sistemas productivos.				
LEARNING ACTIVITIES	СН	NCH	ТН	
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	20 h.	17,5 h.	37,5 h.	_



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Course: 2022 / 2023 - Course planning

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	55%	Individual written and oral tests to assess technical skills of the subject
Individual written and/or oral tests or individual coding/programming tests	35%	
Observation (technical capacity, attitude and participation)	10%	
CH - Class hours: 20 h. NCH - Non-class hours: 17,5 h. TH - Total hours: 37,5 h.		

CONTENTS

- 1. Characteristics of the Lean Manufacturing
 - 1. Origin of Lean Manufacturing.
 - 2. Lead Time and inventory.
 - 3. Added value and inefficiency
- 2. Plant distribution and Cell design
 - 1. Types of plant distribution
 - 2. Methodology for the design of plant distribution
 - 3. Cell design
- 3. Efficiency
 - 1. Types of waste and efficiency.
- 4. Process stability
 - 1. 5S.
 - 2. TPM.
 - 3. Standard operations.
- 5. Rapid changeover
 - 1. SMED.
 - 2. REDIX case.
- 6. JIT methods
 - 1. FIFO lane.
 - 2. KANBAN-Supermarkets.

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography
Subject notes	http://katalogoa.mondragon.edu/janium-bin/janium_login_opac_re_ln k.pl?grupo=ENERGIA41&ejecuta=35
	Lean Manufacturing; Ed: Bubok Publishing S.L Edición (13/03/2013) ;ISBN 9788468628165