Goi Eskola Politeknikoa Escuela Politécnica Superior

		GENE	RAL INF	ORMATION					
Studies	UNIVERSITY MA PRODUCTIVE LO MANAGEMENT	ASTER'S DEGREE IN OGISTICS OPERATION	S	Subject	The main func	tions of	f the su	pply cha	in
Semester	1	Course 1		Mention / Field of					
Character Plan	COMPULSORY	Modality Face-	-to-face	Language	CASTELLANC)			
Credits	4,5	Hours/week 0		Total hours	40 class hours	+ 72.5	non-cl	ass hour	s = <u>112.</u>
Creans 4,5 Hours/week 0					<u>hours</u>				
		2030) AGENI	DA GOALS					
8 BEERT WORK AND ECONOMIC GROWTH I	BESITY INVALUE INFERIATE INFORMATION AND PODULIAN AD PODULIAN								
			PROFES	SORS					
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		REQUIRED	PREVIO		GE				
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(Ne	o specific previous	s subjects required)	DIMINIC		vo previous kno	wiedge	e requii	red)	
		LEA	RNING	RESULTS				15	
ROB1 - Distingu	ULIS uishes the different	t contexts. types of plant.	types of pr	oduction and their o	haracteristics	KC.	x	AB	3,9
limitations in	real contexts	,,,,,,,							0.0
R301 - Works in efficiently cor	n multidisciplinary nmunicates the re	teams, without distinction sults obtained orally and	n, with a co in writing ir	operative and partic different languages	pative attitude Without anv	x		x	0,3
tation of acces	sibility to achieve	the established objective	s.						
R302 - Underst	ands the impact o	of their profession on the e	environmer	it in order to practice	e with social	x			0,3
Jonsionity									
Knowledge or Co	ntent / SK: Skills / AB:	Abilities	RY LEAI	RNING RESULT	TS			Total:	4,5
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Course: 2024 / 2025 - Course planning

RML301 [!] Trabaja en equipos multidisciplinares, sin distinción ninguna, con actitud cooperativa, participativa y comunica eficiente los resultados obtenidos de forma oral y escrita en distintos idiomas. Sin ninguna limitación de accesibilidad para alcanzar lo

LEARNING ACTIVITIES Development and writing of records, reports, presentation	sual material, etc. on	СН	NCH 7,5 h.	TH 7,5 h.	
projects/work experience/challenges/case studies/experient individually and/or in teams	mental inv	estigations carried out			
EVALUATION SYSTEM	W	MAKE-UP MECHANIS	SMS		
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	50%		(No mech	nanisms)	
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	50%				
:H - Class hours: 0 h. ICH - Non-class hours: 7,5 h. I H - Total hours: 7,5 h.					

RML302 [!] Entiende el impacto de su profesión en el entorno para ejercer con responsabilidad social

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	7,5 h.	7,5 h.
EVALUATION SYSTEM	W	MAKE-UP 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	100%	(No me	echanisms)	
CH - Class hours: 0 h. NCH - Non-class hours: 7,5 h. TH - Total hours: 7,5 h.				

CONTENTS

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography				
Technical articles	Goldratt, E. M., & Cox, J. F. (1984). The goal: Excellence in				
Topic related web quires	manufacturing. North River Press Umble, M., and Srikanth, M. L., (1995) Synchronous manufacturing: principles for world-class excellence. Spectrum Publishing				
Moodle Platform					
Class presentations					
Video projections	River Press Cox III. J. F. & Spencer, M. S. (1997). The constraints management				
Specific Master Software					
Slides of the subject	handbook. CRC Press				
	Goldratt, E. M., & Gibler, N. A. (1999). El síndrome del pajar: cómo extraer información del océano de datos				
	Smith, D. (2000). The Measurement Nightmare, How the Theory of				



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Cox, J., III & Schleier, J. (2010). Theory of constraints handbook, New York, McGraw Hill Professional
Hopp, W. J., & Spearman, M. L. (2011). Factory physics. Waveland Press
Cox III, J.F., Boyd, L.H., Sullivan, T.T., Reid, R.A., and Cartier, B., (2012) The TOCICO Dictionary (Second Edition). McGraw-Hill Education
Heizer, J., Render, B., & Parra, J. L. M. (2015). Dirección de la producción y de operaciones: decisiones estratégicas
Ptak, C. & Smith, C. (2016). Demand Driven Material Requirements
Planning (DDMRP), Industrial Press

Constraints can Resolve Conflicting Strategies. Policies and

Project Management Institute (2017). A guide to the project management body of knowledge (PMBOK guide) (6th Edition). Project Management Institute, Inc

Ptak, C. & Smith, C. (2017). Precisely wrong: Why conventional planning systems fail. South Norwalk, CT: Industrial press, Inc Ptak, C. & Smith, C. (2018). The Demand Driven Adaptive

Enterprise. South Norwalk, CT: Industrial press, Inc

Pittman, P.H., and Atwater, J.B. (2022) ASCM SUPPLY CHAIN DICTIONARY, 17th edition. American Production and Inventory Control Society