Goi Eskola Politeknikoa | Mondragon Unibertsitatea
Course: 2025 / 2026 - Course planning

[MLA104] Line Back Principle

GENERAL INFORMATION

Studies	UNIVERSITY MASTER'S DEGREE IN PRODUCTIVE LOGISTICS OPERATIONS MANAGEMENT	**Subject**	?
Semester	2	**Course** 1	
Character	OPTIONAL	**Mention / Field of specialisation**	
Plan	2025	**Modality** Face-to-face	
Credits	3	**Hours/week** 0	**Language** EUSKARA/CASTELLANO
			Total hours 33.5 class hours + 41.5 non-class hours = **75 total hours**

2030 AGENDA GOALS

PROFESSORS

NAVARRO ARAMBURU, IVAN

REQUIRED PREVIOUS KNOWLEDGE

Subjects	**Knowledge**
(No specific previous subjects required)	*(No previous knowledge required)*

LEARNING RESULTS

LEARNING RESULTS	KC	SK	AB	ECTS
ML131 - Identifies and defines the critical success factors of an organisational model based on the line back principle.	x			0,5
ML132 - Identifies, analyses and applies the criteria and tools necessary to deploy the model based on the Line Back principle.	x	x		2,1
ML301 - Works in multidisciplinary teams, without distinction, with a cooperative and participative attitude and efficiently communicates the results obtained orally and in writing in different languages. Without any limitation of accessibility to achieve the established objectives.	x		x	0,2
ML302 - Understands the impact of their profession on the environment in order to practice with social responsibility	x			0,2
			Total:	**3**

KC: Knowledge or Content / SK: Skills / AB: Abilities

SECONDARY LEARNING RESULTS

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	CH	NCH	TH
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	3 h.	1 h.	4 h.
Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams	1 h.		1 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	50%	*(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	50%	

CH - Class hours: 4 h.
NCH - Non-class hours: 1 h.
TH - Total hours: 5 h.

RML122 [!] *Identifica y define los factores críticos de éxito de un modelo organizativo basado en el principio line back*

LEARNING ACTIVITIES	CH	NCH	TH
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	2,5 h.	3,5 h.	6 h.
Carrying out exercises and solving problems individually and/or in teams	2,5 h.	4 h.	6,5 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	70%	*(No mechanisms)*
Individual written and/or oral tests or individual coding/programming tests	30%	

CH - Class hours: 5 h.
NCH - Non-class hours: 7,5 h.
TH - Total hours: 12,5 h.

RML123 [!] *Identifica, analiza y aplica los criterios y herramientas necesarias para desplegar el modelo basado en el principio Line Back*

LEARNING ACTIVITIES	CH	NCH	TH
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	10 h.	15 h.	25 h.
Carrying out exercises and solving problems individually and/or in teams	10,5 h.	17 h.	27,5 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	70%	Individual written and/or oral tests or individual coding/programming tests
Individual written and/or oral tests or individual coding/programming tests	30%	

CH - Class hours: 20,5 h.
NCH - Non-class hours: 32 h.
TH - Total hours: 52,5 h.

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

LEARNING ACTIVITIES	CH	NCH	TH
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	3 h.	1 h.	4 h.
Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams	1 h.		1 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	50%	Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, 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	50%	

CH - Class hours: 4 h.
NCH - Non-class hours: 1 h.
TH - Total hours: 5 h.

CONTENTS

1. Introduction

2. The Lineback Principle

3. The PDLB-EMPHOBEK Deployment Process

4. Execution of the PDLB-EMPHOBEK Process

5. Warehouses

6. Logistics Outsourcing

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography
Subject notes Moodle Platform	GÜNTHNER, Willibald A.; BOPPERT, Julia. Lean logistics. Springer Berlin Heidelberg, 2013 KLUG, Florian; KLUG, Florian. Logistikmanagement im Rahmen des Simultaneous Engineering. Logistikmanagement in der Automobilindustrie: Grundlagen der Logistik im Automobilbau, 2018, p. 79-128. Powered by