

[MLA004] Line Back Principle

GENERAL INFORMATION

Studies	UNIVERSITY MASTER'S DEGREE IN PRODUCTIVE LOGISTICS OPERATIONS MANAGEMENT	Subject	Improvement of industrial processes
Semester	2	Course	1
Character	OPTIONAL	Mention / Field of specialisation	
Plan	2022	Modality	Face-to-face
Credits	3	Language	CASTELLANO
		Total hours	36.5 class hours + 38.5 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
MLR131 - Identifies and defines the critical success factors of an organisational model based on the line back principle.	x			0,5
MLR132 - Identifies, analyses and applies the criteria and tools necessary to deploy the model based on the Line Back principle.	x	x		2,1
MLR301 - 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
MLR302 - 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
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	50%
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%

MAKE-UP MECHANISMS

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

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

Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects

CH

8 h.

NCH

4,5 h.

TH

12,5 h.

EVALUATION SYSTEM

Individual written and/or oral tests or individual coding/programming tests

W

100%

MAKE-UP MECHANISMS

Individual written and/or oral tests or individual coding/programming tests

CH - Class hours: 8 h.

NCH - Non-class hours: 4,5 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

Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects

CH

10 h.

NCH

15 h.

TH

25 h.

Carrying out exercises and solving problems individually and/or in teams

10,5 h.

17 h.

27,5 h.

EVALUATION SYSTEM

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

W

70%

Individual written and/or oral tests or individual coding/programming tests

30%

MAKE-UP MECHANISMS

Individual written and/or oral tests or individual coding/programming tests

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

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

CH

3 h.

NCH

1 h.

TH

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

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

W

50%

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%

MAKE-UP MECHANISMS

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

CH - Class hours: 4 h.

NCH - Non-class hours: 1 h.

TH - Total hours: 5 h.

CONTENTS

1.- Introduction2.- The Line Back Principle3.- The PDLB-EMPHOBK Deployment Process4.- Execution of the PDLB-EMPHOBK Process5.- Warehousing6.- Logistics Outsourcing

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources

Subject notes
Moodle Platform

Bibliography

GÜNTNER, 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.