

[MLC001] Company Computer Applications (AIE)

GENERAL INFORMATION

Studies	UNIVERSITY MASTER'S DEGREE IN PRODUCTIVE LOGISTICS OPERATIONS MANAGEMENT			Subject	21st century business
Semester	1	Course	1	Mention / Field of specialisation	
Character	COMPULSORY				
Plan	2022	Modality	Face-to-face	Language	CASTELLANO
Credits	3	Hours/week	0	Total hours	59 class hours + 16 non-class hours = 75 total hours

PROFESSORS

EREÑO INCERA, ANA MONSERRAT

REQUIRED PREVIOUS KNOWLEDGE

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

LEARNING RESULTS

LEARNING RESULTS	KC	SK	AB	ECTS
MLR011 - To distinguish and connect different software applications of the AIE company that support the order-delivery process		x		1,2
MLR012 - to identify, analyse and classify data sources to generate knowledge and competitive advantage using advanced digitisation tools	x	x		1,4
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

RML101 [!] *Distinguir y conectar diferentes aplicaciones informáticas de la empresa AIE que dan soporte al proceso pedido-entrega*

LEARNING ACTIVITIES	CH	NCH	TH
Personal study and flexible development of concepts and subjects using active dynamics, to foster more meaningful learning	12 h.	5 h.	17 h.
Conducting tests, giving presentations, presenting defences, taking examinations and/or doing checkpoints	4 h.	1 h.	5 h.
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	8 h.		8 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: 24 h.

NCH - Non-class hours: 6 h.

TH - Total hours: 30 h.

RML102 [!] *Identificar, analizar y clasificar orígenes de datos para generar conocimiento y ventaja competitiva utilizando herramientas de digitalización avanzadas*

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		10 h.	5 h.	15 h.
Computer simulation exercises, individually and/or in teams		5 h.	5 h.	10 h.
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects		10 h.		10 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 mechanisms)		
CH - Class hours: 25 h.				
NCH - Non-class hours: 10 h.				
TH - Total hours: 35 h.				

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
Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams	5 h.		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	100%	Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	

CH - Class hours: 5 h.
NCH - Non-class hours: 0 h.
TH - Total hours: 5 h.

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

LEARNING ACTIVITIES	CH	NCH	TH
Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams	5 h.		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	100%	Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	

CH - Class hours: 5 h.
NCH - Non-class hours: 0 h.
TH - Total hours: 5 h.

CONTENTS

- 1- Subject Introduction
- 2- Company computer applications
 - what they are- what they are not

IEA map

types of sw applications

Development processes

AIE selection process

AIE implementation process

3- Business intelligence

Tools and processes

Power BI

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources

Presentations by external Lecturers
Topic related web quires

Bibliography

978-1-3986-0297-7 Delivering data analytics Libro a step-by-step
guide to driving adoption of business intelligence from planning to
launch Nicholas Kelly