

## [MLC001] Company Computer Applications (AIE)

### GENERAL INFORMATION

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

### 2030 AGENDA GOALS



### 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
<b>MLR011</b> - To distinguish and connect different software applications of the AIE company that support the order-delivery process		x		1,2
<b>MLR012</b> - to identify, analyse and classify data sources to generate knowledge and competitive advantage using advanced digitisation tools	x	x		1,4
<b>MLR301</b> - 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
<b>MLR302</b> - 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

Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams

CH

5 h.

NCH

TH

5 h.

#### EVALUATION SYSTEM

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

W

100%

#### 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: 5 h.

NCH - Non-class hours: 0 h.

TH - Total hours: 5 h.

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

#### LEARNING ACTIVITIES

Personal study and flexible development of concepts and subjects using active dynamics, to

CH

12 h.

NCH

5 h.

TH

17 h.

foster more meaningful learning

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.

**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.

**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.

**CONTENTS**

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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	Bibliography
Presentations by external Lecturers	978-1-3986-0297-7 Delivering data analytics Libro a step-by-step
Topic related web quires	guide to driving adoption of business intelligence from planning to
	launch Nicholas Kelly