[MNB104] Cibersecurity Management

GENERAL INFORMATION

Studies	MASTER DEGREE IN DATA ANALYSIS, CYBERSECURITY AND CLOUD COMPUTING	**Subject**	Cybersecurity
Semester	2	**Course**	1	**Mention / Field of specialisation**	
Character	COMPULSORY				
Plan	2024	**Modality**	Face-to-face	**Language**	CASTELLANO
Credits	3	**Hours/week**	0	**Total hours**	32 class hours + 43 non-class hours = **75 total hours**

PROFESSORS

LIZARRAGA DURANDEGUI, JESUS MARIA

REQUIRED PREVIOUS KNOWLEDGE

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

LEARNING RESULTS

LEARNING RESULTS	KC	SK	AB	ECTS
M2N109 - Understanding existing legislation and regulations on cybersecurity and verifying the compliance of the system with respect to them.	x			2,4
M2N208 - Demonstrate the ability to integrate knowledge and deal with the complexity of making judgements based on incomplete or limited information, including reflections on the SDGs, human rights and fundamental rights, social, health and safety, environmental, economic and industrial implications and responsibilities.		x		0,6
			Total:	3

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

SECONDARY LEARNING RESULTS

RA241 Is able to know, understand and apply the main security standards, as well as the existing legislation, working individually or coordinating in a group.

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	9 h.	23 h.	32 h.
Conducting tests, giving presentations, presenting defences, taking examinations and/or doing checkpoints	2 h.	8 h.	10 h.
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	15 h.		15 h.
Carrying out exercises and solving problems individually and/or in teams	6 h.	12 h.	18 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	30%	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	20%	Individual written and/or oral tests or individual coding/programming tests
Individual written and/or oral tests or individual coding/programming tests	50%	

CH - Class hours: 32 h.
NCH - Non-class hours: 43 h.
TH - Total hours: 75 h.

CONTENTS

- Cybersecurity-related standards
- Cybersecurity-related legislation
- Security plans (business continuity, training...)

- Security operation centers and incident management

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography
Subject notes	https://labur.eus/O9eKF
Moodle Platform	
Class presentations	