



GENERAL INFORMATION

Data of the subject	
Subject name	Security and Telecommunications Legislation
Subject code	DTC-GITT-413
Main program	Bachelor's Degree in Engineering in Telecommunication Technologies
Involved programs	Grado en Ingeniería en Tecnologías de Telecom. y Grado en Análisis de Negocios/Business Analytics [Cuarto Curso] Grado en Ingeniería en Tecnologías de Telecomunicación [Cuarto Curso]
Level	Reglada Grado Europeo
Quarter	Semestral
Credits	7,5 ECTS
Type	Obligatoria (Grado)
Department	Department of Telematics and Computer Sciences
Coordinator	Rafael Palacios
Schedule	Morning
Office hours	Contact teachers by email

Teacher Information	
Teacher	
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Name	Rafael Palacios Hielscher
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DESCRIPTION OF THE SUBJECT

Contextualization of the subject

Course contents

Contents

1. Policies and regulations in telecommunications in the EU.
2. Regulations in telecommunications in Spain
3. Introduction to Computer Security
4. Cryptography
5. Secure network architecture
6. Security Management
7. Security Regulation
8. Security Compliance

TEACHING METHODOLOGY

General methodological aspects of the subject

EVALUATION AND CRITERIA

Evaluation activities	Evaluation criteria	Weight
Final Exam. Security (50%), and Regulations (5%)	<ul style="list-style-type: none"> • Concepts • Application to real-life problems 	55
Lab work evaluation: <ul style="list-style-type: none"> • Lab reports (10%) • Questions about Labs on the day of the final exam (5%) 	<ul style="list-style-type: none"> • Lab reports. Accuracy. Handed in on time. • Questions about Labs on the final exam 	15
Daily evaluation (30%) <ul style="list-style-type: none"> • Regulation reports (25%) • Tests and exercises (5%) 	<ul style="list-style-type: none"> • Paper related with Policies and Regulation of Telecommunications • Tests or small exams • Exercises 	30

Grading

70% Grade of the course corresponding to Security concepts.

30% Grade of the course corresponding to Policies and Regulations.

A minimum of 4 points is required on each section (Security and Regulations).

For retakes (July exam) all the above rules apply as well.

BIBLIOGRAPHY AND RESOURCES

Basic References

Slides of the course. Available in Moodle.

"Fundamentos de seguridad en redes: aplicaciones y estandares". William Stalings. Pearson Prentice Hall. ISBN: 8422052400221

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