

## SUBJECT TEACHING GUIDE

### G1499 - Telecommunications Services Management

### Degree in Telecommunication Technologies Engineering

Academic year 2023-2024

1. IDENTIFYING DATA					
Degree	Degree in Telecommunication Technologies Engineering			Type and Year	Optional. Year 4
Faculty	School of Industrial Engineering and Telecommunications				
Discipline	Speciality Optional Subjects				
Course unit title and code	G1499 - Telecommunications Services Management				
Number of ECTS credits allocated	6	Term	Semester based (2)		
Web					
Language of instruction	Spanish	English Friendly	No	Mode of delivery	Face-to-face

Department	DPTO. INGENIERIA DE COMUNICACIONES
Name of lecturer	JOSE ANGEL IRASTORZA TEJA
E-mail	angel.irastorza@unican.es
Office	Edificio Ing. de Telecomunicación Prof. José Luis García García. Planta: - 2. DESPACHO (S206)
Other lecturers	LUIS FRANCISCO DIEZ FERNANDEZ

### 3.1 LEARNING OUTCOMES

- Detailed knowledge of the characterization and management of services in a telecommunications network, this way as the technologies or standards that regulate the different service management architectures .

### 4. OBJECTIVES

To introduce the student the concept of service in a telecommunications network and its characterization , deepening the concept of management of the service in all the cycle life: design, implementation and maintenance.

## 6. COURSE ORGANIZATION

CONTENTS	
1	Part 1: Service Definition Model
2	Part 2: Service Management: Models and Standards
3	Part 3: Quality of Service and SLAs
4	Part 4: Service Level Management
5	Assignment in group

## 7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Three individual (per lesson) evaluation per term (continuous evaluation)	Written exam	No	Yes	70,00
Assignment in group evaluation	Work	Yes	No	30,00
TOTAL				100,00
Observations				
Whether the student hasn't done any individual exam, or some exam has been qualified with a mark lower than 3.5, the final mark will be obtained on the ordinary final exam, as continuous evaluation is not compulsory.				
Observations for part-time students				
Whether the student hasn't done any individual exam, or some exam has been qualified with a mark lower than 3.5, the final mark will be obtained on the ordinary final exam, as continuous evaluation is not compulsory.				

## 8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC
Practical IT Service Management, Autor: Thejendra, BS, 2008. ISBN:1905356390
Effective IT Service Management, Autor : Rob Addy, ISBN 978-3-540-73197-9 Springer Berlin Heidelberg New York
ITSMF INTERNACIONAL. Fundamentos de la gestión de servicios de TI : basada en ITIL V3 , Autor: Jan van Bon... [et al.], tercera edición, ISBN: 978-90-8753-060-0 31