

## SUBJECT TEACHING GUIDE

G763 - Industrial Installations

Degree in Mechanical Engineering

Academic year 2022-2023

1. IDENTIFYING DATA					
Degree	Degree in Mechanical Engineering			Type and Year	Optional. Year 4
Faculty	School of Industrial Engineering and Telecommunications				
Discipline	Subject Area: Structures and Industrial Installations Optional Module: Mechanical Engineering				
Course unit title and code	G763 - Industrial Installations				
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 ESTRUCTURAL Y MECANICA				
Name of lecturer	MIGUEL IGLESIAS SANTAMARIA				
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Office	E.T.S. de Ingenieros Industriales y de Telecomunicación. Planta: - 2. DESPACHO (S2043)				
Other lecturers	PEDRO BENITO GANCEDO LUIS MIGUEL MUÑIZ GONZALEZ				

### 3.1 LEARNING OUTCOMES

- Noise and industrial ventilation. Calculus of lighting installations

### 4. OBJECTIVES

Noise, ventilation and lighting in industrial premises

## 6. COURSE ORGANIZATION

CONTENTS	
1	Noise fundamentals.
2	Noise isolation. Legal regulations
3	Noise isolation Legal regulations
4	Industrial ventilation
5	Electrical installations. Legal regulations
6	Illumination. Calculation of lighting installations. Legal regulations

## 7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Evaluation topics 1 - 4	Written exam	No	Yes	50,00
Evaluation topics 5 - 6	Written exam	Yes	Yes	50,00
TOTAL				100,00
Observations				
Observations for part-time students				
Same evaluation				

## 8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

"Medida y control del ruido y vibraciones". Hoppe, C. Tratamiento Gráfico de Documentos S.A. Universidad de Cantabria.

"Industrial Ventilation". Conejo, A. American Conference of Governmental Industrial Hygienists.

"Instalaciones Eléctricas". Martín Sánchez, F. Ed. McGraw Hill, 2007.

"Instalaciones Eléctricas en la Edificación". Guerrero Fernández, A. Ed. A. Madrid Vicente, 1997.

"Instalaciones Eléctricas en las Edificaciones". Ed. McGraw-Hill, 1996.

"Reglamento electrotécnico para baja tensión".

"Esquemas eléctricos y electrónicos: lectura e interpretación". Ruiz Vassallo, F. Colección de normas UNE. 2005.

"Diseño de instalaciones eléctricas de alumbrado". Trashorras Montecelos, J. S.A. Ediciones Paraninfo, 2001.

"Instalaciones de iluminación". Universidad Nacional de Educación a Distancia.