

SUBJECT TEACHING GUIDE

G1967 - CROSS-CURRICULAR SKILLS, VALUES AND COMPETENCES

Degree in Civil Engineering

Academic year 2024-2025

1. IDENTIFYING DATA					
Degree	Degree in Civil Engineering			Type and Year	Core. Year 2
Faculty	School of civil Engineering				
Discipline	CROSS-CURRICULAR SKILLS, VALUES AND COMPETENCES				
Course unit title and code	G1967 - CROSS-CURRICULAR SKILLS, VALUES AND COMPETENCES				
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. CIENCIAS Y TECNICAS DEL AGUA Y DEL MEDIO AMBIENTE
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Other lecturers	PEDRO DIAZ SIMAL OLGA MARIA CONDE PORTILLA FRANCISCO JAVIER MADRUGA SAAVEDRA ROCIO RUIZ COBO PAULA LOPEZ CASADO JORGE GONZÁLEZ ANTÓN

3.1 LEARNING OUTCOMES

- Analyze the ethical problems in the professional activity of engineers.
- Use of electronic administrative instruments, with techniques for security and data protection.
- Effective oral communication in various situations.
- Manage the basic tools of emotional intelligence.
- Use of information search strategies and tools in engineering.
- Legitimate and efficient use of information.
- Entrepreneurship and management of basic tools to make decisions.
- Capacity for social participation in a multicultural context.

4. OBJECTIVES

- Provide the student with a basic knowledge of ethical problems in the professional activity of the engineer.
- Familiarize the student with the use of electronic administrative instruments and techniques for security and protection of data.
- Improve the effectiveness of the student's oral communication.
- Provide the student with the basic tools to define and achieve personal and professional goals.
- Familiarize the student with the use of scientific and technical information in engineering.
- Give the student the basic guidelines for the legitimate use of information.
- Promote entrepreneurship in the students and provide them with basic tools to make decisions.
- Make the student aware of the alternatives for social participation.
- Reflect on the values ??of interculturality, democracy, peace and human rights.

6. SUBJECT PROGRAM

CONTENTS	
1	PROFESSIONAL DEONTOLOGY FOR ENGINEERS
2	DATA PROTECTION, OFFICE AND SECURITY IN ENGINEERING
3	SCIENTIFIC AND TECHNIC INFORMATION IN ENGINEERING
4	EMOTIONAL INTELLIGENCE AND PERSONAL DEVELOPMENT
5	SOCIAL PARTICIPATION
6	ENTREPRENEUR, IS IT BORN OR MADE?
7	HOW TO EXPRESS YOURSELF IN PUBLIC EFFECTIVELY

7. ASSESSMENT METHODS AND CRITERIA				
Description	Type	Final Eval.	Reassessn	%
Report on Professional Ethics	Work	No	Yes	15,80
Oral presentation 1	Others	No	Yes	3,10
Oral presentation 2	Others	No	Yes	6,20
Class tasks on Entrepreneurship	Work	No	Yes	6,20
Project presentation on Entrepreneurship	Work	No	Yes	16,20
Questionnaires on Personal Development	Others	No	Yes	15,80
Class tasks on Information	Others	No	Yes	5,30
Final questionnaire on Information	Written exam	No	Yes	5,30
Short report on Information	Work	No	Yes	5,20
Report pn Data Protection	Work	No	Yes	15,80
Active participation in the workshop Social Participation	Others	No	No	5,10
TOTAL				100,00
Observations				
<p>In relation to the agreements adopted in the ordinary session of the School Board held on June 10, 2010, it is established that, with respect to evaluation activities that have a recoverable nature,</p> <ul style="list-style-type: none"> • As a general criterion and unless otherwise specified in this guide , a student may only take the retake of those activities that he or she has not passed, that is, in which he or she has not obtained a minimum grade of five out of ten. • As a general criterion and unless something different is specified in this guide , in the recovery period the evaluation procedure for an activity will be the same as that of the activity that originates it. <p>Note: According to royal decree RD 1125/2003 on the European credit system and the grading system in official university degrees valid throughout the national territory, the results obtained by the student in each of the subjects of the plan of studies will be graded based on the following numerical scale from 0 to 10, with a decimal expression, to which the corresponding qualitative grade may be added: 0.0-4.9: Fail (SS). 5.0-6.9: Passed (AP). 7.0-8.9: Notable (NT). 9.0-10: Outstanding (SB).</p>				
Observations for part-time students				
Part-time students will opt for a single-call evaluation, which will include the non-face-to-face activities planned for each module.				

8. BIBLIOGRAPHY AND TEACHING MATERIALS
BASIC
<p>.- "Engineering a high-tech Bussiness. Entrepreneurial Experiences and insights", Editores: José Miguel López Higuera, Brian Culshaw, SPIE Press 2008.</p> <p>.- "Emprendedores, 25 casos de éxito en el mundo empresarial" Pedro Meyer, Alienta Editorial 2009.</p> <p>.- "Vivir sin jefe: El libro que hará que ames trabajar por tu cuenta. Los 50 errores que comenten todos los emprendedores", Sergio Fernández, Plataforma 2009 (10ª Edición)</p> <p>.- "El libro negro del emprendedor", Fernando Trías de Bes, Empresa Activa, Mayo 2007</p>
<p>.- ARGUDO, S.; PONS, A. 2012. Mejorar las búsquedas de información. Barcelona. Editorial UOC. ISBN 978-84-9029-172-6. <BUC IND B 02 23></p> <p>.- MARTÍNEZ RODRÍGUEZ, L.J. 2016. Cómo buscar y usar información científica. http://hdl.handle.net/10760/29934</p>

