SUBJECT TEACHING GUIDE

G1139 - Environmental Impact

Degree in Civil Engineering

Academic year 2020-2021

1. IDENTIFYING DATA					
Degree	Degree in Civil Engineering			Type and Year	Compulsory. Year 3
Faculty	School of civil Engineering				
Discipline	Subject Area: Environmental Technology Module: Training in Applied Technology				
Course unit title and code	G1139 - Environmental Impact				
Number of ECTS credits allocated	6	Term		Semester based (1)	
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
Name of lecturer	XABIER EDUARDO MORENO-VENTAS BRAVO
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Office	E.T.S. de Ingenieros de Caminos, Canales y Puertos. Planta: + 2. DESPACHO (2015)
Other lecturers	JUAN CARLOS CANTERAS JORDANA JORGE RODRIGUEZ HERNANDEZ

3.1 LEARNING OUTCOMES
- Know and use appropriate terminology to discipline
- Understand and manage specific legislation environmental assessment and sectoral
- Formulate, propose and organize the Environmental Sustainability of plans and programs
- Formulate, propose and organize the Environmental Impact Study Project
- Learn the methodology to identify and assess the environmental impacts
- Propose preventive, corrective and compensatory alternative measures
- Propose measures and principles of environmental sustainability
- Plan and organize environmental monitoring program

4. OBJECTIVES
Understand the concepts and working methods that constitute the body of doctrine of Environmental Assessment.

6. COURSE ORGANIZATION	
CONTENTS	
1	Environmental impact
2	Environmental bases
3	Environmental assessment I
4	Environmental assessment I
5	Environmental legislation
6	The environmental impact study
7	Selecting of alternatives
8	Environmental factors. Assessment
9	Methods for Impact identification
10	Environmental Impact assessment Methodologies
11	Environmental improvement measures
12	Environmental monitoring
13	Public participation
14	Environmental effects of construction
15	Legislation
16	Normative
17	SGood environmental practices
18	Analysis of environmental risks and labor

7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Work	Work	No	No	10,00
Work	Work	No	Yes	30,00
Written evaluation	Written exam	Yes	Yes	60,00
TOTAL				100,00

Observations

In relation to the evaluation activities that are recoverable:
a) A student may only attend the recovery of those activities that he has not passed , that is, in which he has not obtained a minimum grade of five out of ten.
b) In the recovery period, the evaluation procedure of an activity will be the same as that of the activity that originates it.
c) An activity is considered recoverable when there is the possibility of exceeding it in the extraordinary recovery period established by the University.
d) Extraordinary evaluation: the student will have the right to take an exam in the extraordinary session with a value of 100% of the total mark of the recoverable activities of the subject.

Qualification not presented: when a student has not carried out evaluation activities whose weight exceeds 50% of the qualification of the subject, it will appear in her minutes as not presented. When you have carried out tests involving the aforementioned 50%, the corresponding qualification will appear in the minutes.

The type of examinations provided for in the guide will consist of questionnaires that will be designed to be used both in person and in remote mode.
Distance assessment will be used when the competent health and educational authorities so indicate.
The distance evaluation modality will be carried out through the telematic resources of the University of Cantabria.

Advance notice: students who request advance notice in accordance with art. 19 of the Regulation of the UC evaluation processes, 100% of the subject will be evaluated through a single evaluation, art. 3 of the aforementioned Regulation, which will consist of a written exam (with a value of 60% of the total grade) and the completion and delivery of a practical work proposed by the teacher (with a value of 40% of the total grade).

According to Royal Decree RD 1125/2003 on the European credit system and the system of qualifications in university degrees of an official nature and valid throughout the national territory , the results obtained by the student in each of the subjects of the study plan They will be scored based on the following numerical scale from 0 to 10, with an expression of one decimal place, to which their corresponding qualitative score may be added:
0.0-4.9: Suspense (SS). 5.0-6.9: Pass (AP). 7.0-8.9: Notable (NT). 9.0-10: Excellent (SB).
Rating system: 0.0 to 4.9: Thriller (SS). 5.0 to 6.9: Approved (AP). 7.9 to 8.9: Notable (NT). 9.0 to 10: Outstanding (SB).

Observations for part-time students

Students will undergo an evaluation process that will involve the completion of a written exam of the training (60% of the final grade) plus the completion and delivery of an environmental assessment work (40% of the final grade) material.

8. BIBLIOGRAPHY AND TEACHING MATERIALS
BASIC
Colección de diapositivas utilizadas en las clases presenciales.
Gómez Orea, D. 2002. Evaluación de Impacto Ambiental. Mundi-Prensa, Madrid.
Gómez Orea, D. 2007. Evaluación Ambiental Estratégica. Mundi-Prensa, Madrid.
Arce Ruiz, R.M. 2013. La evaluación ambiental en la ingeniería civil. Mundi-Prensa, Madrid.
Conesa Fernández-Vitora. 2010. Guía metodológica para la evaluación de impacto ambiental. Mundi-Prensa, Madrid.
Garmendia, A.; Salvador, A.; Crespo, C.; Garmendia, L. 2005. Evaluación de impacto ambiental. Pearson/Prentice Hall., Madrid.
Metodologías para la elaboración de estudios de impacto ambiental. Colección de Monografías de la Secretaría de Estado para las políticas del Agua y el Medio Ambiente. MOPU, Madrid.
Pérez Sánchez, L.M. 2000 Curso de prevención de riesgos laborales en la construcción. Lex-Nova, Asturias.
Aisa Merino, A. 2000. Evaluación y prevención de riesgos. Grupo editorial Ceaec, Barcelona.
Díaz Molinar, R. 2004. Guía práctica para la prevención de riesgos laborales. Lex-Nova, Valladolid.
Enriquez Agós y Berenguer Pérez. 1987. Evaluación Metodológica del Impacto Ambiental de obras de defensa de costas. MOPU. Madrid.
Enriquez Agós y Berenguer Pérez. 1987. Evaluación Metodológica del Impacto Ambiental de un puerto deportivo. MOPU. Madrid.