

SUBJECT TEACHING GUIDE

1132 - Organization, Companies and Legislation

Master's Degree in mining engineering

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Academic year 2024-2025

1. IDENTIFYING DATA					
Degree	Master's Degree in mining engineering Master's Degree in mining engineering			Type and Year	Compulsory. Year 1 Compulsory. Year 1
Faculty	School of Mines and Energy Engineering				
Discipline	EXPANSION MANAGEMENT				
Course unit title and code	1132 - Organization, Companies and Legislation				
Number of ECTS credits allocated	4,5	Term	Semester based (1)		
Knowledge Field					
Web					
Language of instruction	Spanish	English Friendly	Yes	Mode of delivery	Face-to-face

Department	DPTO. ADMINISTRACION DE EMPRESAS
Name of lecturer	SAUL TORRES ORTEGA
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Other lecturers	

4. OBJECTIVES

The objectives of the course are to provide training in business organization, administration and management, and mining legislation, such that, once the course is passed:

- + The student will be able to manage in an effective and efficient way the technical aspects of an organization , combining the areas of human resources, quality and knowledge of it.
- +The student will be able to manage in an effective and efficient way the economic aspects of an organization , analyzing and evaluating the possible different alternatives of investment , pointing out the most suitable to their interests.
- + The student will be able to know and work with the current regulations in the field of mining legislation, environmental responsibility and health and safety.

6. SUBJECT PROGRAM

CONTENTS

1	<p>I.- BUSINESS ORGANIZATION AND MANAGEMENT.</p> <p>I.1. Organizational Management. I.2. Human Resource Management. I.3. Quality Management. I.4. Knowledge Management. I.4. Integrated Management Systems.</p>
2	<p>II: BUSINESS ANALYSIS, EVALUATION AND INSTRUMENTS.</p> <p>II.1. Economics and business. II.2. Economic analysis of the firm. II.3. Integrated Management Systems. II.4. Economic and financial evaluation of investments. II.5. Evaluation instruments and criteria. II.6. Economic engineering. Multi-criteria analysis.</p>
3	<p>III: REGULATIONS AND CURRENT LEGISLATION.</p> <p>III.1. Mining Legislation. III.2. Environmental Responsibility Legislation. III.3. Health and Safety Legislation.</p>

7. ASSESSMENT METHODS AND CRITERIA				
Description	Type	Final Eval.	Reassessn	%
Written assessment	Written exam	Yes	Yes	50,00
Working cases assessment	Work	No	Yes	30,00
Practical assessment	Activity evaluation with Virtual Media	No	No	20,00
TOTAL				100,00
Observations				
<p>Passing the course requires a minimum score of 5.00 on the Written Exam and a minimum score of 5.00 on the Working Cases. If the minimum mark of any of the parts is not passed, the overall mark of the course will be determined from the average obtained by weighing the different evaluation activities, up to a maximum limit for the final mark of the course of 4.9. The parts passed will be kept for the September call.</p> <p>According to the royal decree RD 1125/2003 on the European system of credits and the system of qualifications in the university degrees of official character and valid in all the national territory, the results obtained by the student in each one of the subjects of the study plan will be qualified according to the following numerical scale from 0 to 10, with expression of a decimal, to which it will be possible to add its corresponding qualitative qualification: 0.0-4.9: Fail (SS). 5.0-6.9: Pass (AP). 7.0-8.9: Notable (NT). 9.0-10: Outstanding (SB)</p> <p>In view of the uncertain situation that the social distancing measures established by the health authorities do not allow the development of any evaluation activity in the classroom for all the registered students, these can be adapted for their development in a virtual way, mainly by using the MOODLE platform. If necessary, all the necessary precautions and actions will be taken to ensure the correct development of these activities.</p>				
Observations for part-time students				
Students enrolled on a part-time basis will be evaluated according to the University of Cantabria's regulations on this matter. As a general criterion, the same evaluation criteria will be applied to these students as to full-time students, although the temporal distribution of activities will be adapted to the temporal conditions when it is considered necessary.				

8. BIBLIOGRAPHY AND TEACHING MATERIALS
BASIC
BLOQUE I.
<ul style="list-style-type: none"> - Puchol, Luis. 'Dirección y Gestión de Recursos Humanos'. Díaz de Santos, 2007. - Dolan, Simon. 'La Gestión de los Recursos Humanos'. McGraw Hill, 2007. - Abril, Cristina Elena, Enríquez, Antonio y Sánchez, José M. 'Manual para la integración de sistemas de gestión'. FC Editorial, 2006.
BLOQUE II.
<ul style="list-style-type: none"> - Suárez Suárez, Andrés S. "DECISIONES ÓPTIMAS DE INVERSIÓN Y FINANCIACIÓN EN LA EMPRESA". Ediciones Pirámide. Madrid. 15ª Edición. 1993. ISBN: 84-368-0750-2 - European Commision. "Guide to CBA of Investment Projects". Directorate General Regional Policy. 2008. - Arteaga Rodríguez, Ricardo. "MANUAL DE EVALUACIÓN TÉCNICO-ECONÓMICA DE PROYECTOS MINEROS DE INVERSIÓN". Instituto Tecnológico Geominero de España, D.L. Madrid. 1997.
BLOQUE III.
<p>Se abordará en clase la legislación vigente y más actualizada en cada una de las materias que se traten en el temario de la asignatura.</p> <ul style="list-style-type: none"> - Ley 22/1973, de 21 de julio, de Minas. - Ley 26/2007, de 23 de octubre, de Responsabilidad Medioambiental. - Ley 31/1995, de 8 de noviembre, de prevención de Riesgos Laborales.

