

SUBJECT TEACHING GUIDE

G642 - Management of Mining Production

Degree in Mining Resources Engineering First Degree in Mining Resources Engineering

Academic year 2024-2025

1. IDENTIFYING DATA					
Degree	Degree in Mining Resources Engineering First Degree in Mining Resources Engineering			Type and Year	Optional. Year 3 Optional. Year 3
Faculty	School of Mines and Energy Engineering				
Discipline	Optional Subjects: Mine Exploitation Module: Optional Training				
Course unit title and code	G642 - Management of Mining Production				
Number of ECTS credits allocated	6	Term	Semester based (2)		
Web					
Language of instruction	Spanish	English Friendly	Yes	Mode of delivery	Face-to-face

Department	DPTO. TRANSPORTES Y TECNOLOGIA DE PROYECTOS Y PROCESOS				
Name of lecturer	NOEMI BARRAL RAMON				
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Office	E.P. de Ingeniería de Minas y Energía. Planta: + 2. DESPACHO (233)				
Other lecturers					

3.1 LEARNING OUTCOMES

- Once the subject has been passed, the student will have acquired enough knowledge to lead and manage a mining operation, depending on the operating method and equipment used, the economic returns, selling prices, costs of production, and tax exemption depending on the exploited resource, etc.

4. OBJECTIVES

The main objectives of this subject consists of providing the student specific training about management of a mining operation, depending on the operating method and equipment used, the economic returns, sales prices, production costs, and the tax exemption based on the exploited resource, etc.

6. SUBJECT PROGRAM	
CONTENTS	
1	Management 1. Introduction to Operations Management. 2. Design of operations. 3. Resource Planning.
2	PRODUCTION GESTION 1. Stock Management (purchase and storage of raw materials). 2. Aggregate Production Planning. 3. Programming of materials necessities. 4. Maintenance and reliability. 5. Quantitative methods for decision making
3	Mineral raw materials 1. Markets, sales costs and financial operations with mineral raw materials.

7. ASSESSMENT METHODS AND CRITERIA				
Description	Type	Final Eval.	Reassessn	%
Exam: Written exam	Written exam	Yes	Yes	60,00
Test: Written examn	Written exam	No	Yes	20,00
Group essay/ work	Work	No	Yes	20,00
TOTAL				100,00
Observations				
In the qualification of the subject, the continuous evaluation will be considered in the case that the minimum grade of 5 has been passed in the written exam of the subject. Those students who do not obtain this minimum grade, will obtain the final grade of the subject obtained in the written exam. The grades obtained from the continuous evaluation will be kept until the extraordinary exam.				
Observations for part-time students				
Part-time students will be evaluated according to the Regulations of the University of Cantabria.They have the option of performing the test the day of the final exam.				

8. BIBLIOGRAPHY AND TEACHING MATERIALS
BASIC
MANUAL DE EVALUACIÓN TÉCNICO ECONÓMICA DE PROYECTOS MINEROS DE INVERSIÓN. Instituto Tecnológico GeoMinero de España. I.S.B.N. 84-7840-305-1 INTRODUCCIÓN A LA METODOLOGÍA DE INVESTIGACIÓN MINERA. Instituto Geológico y Minero de España. Azcárate. I.S.B.N. 84-600-2687-6
APUNTES BÁSICOS DE LA ASIGNATURA. Facilitados por el profesor.

