

COURSE NAME

Name: **BUSINESS ORGANISATION AND MANAGEMENT**

Code: 101189

Curriculum: **DEGREE IN ENERGY ENGINEERING AND MINERAL RESOURCES**

Year: 1

Name of the module to which it belongs: BASIC TRAINING MODULE

Subject: COMPANY

Nature: BASIC Duration: FIRST SEMESTER

ECTS Credits: 6

Classroom hours: 60

Face-to-face classroom percentage: 40%

Non-contact hours: 90

FACULTY DETAILS

Name: DAZA SÁNCHEZ, FRANCISCA (Coordinator)

Department: STATISTICS, ECONOMETRICS, OPERATIONAL RESEARCH, BUSINESS ORGANISATION AND APPLIED

ECONOMICS area: BUSINESS ORGANISATION

Location of the office: Office Business organisation

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Name: CORNEJO AGREDANO, PEDRO

Department: STATISTICS, ECONOMETRICS, OPERATIONAL RESEARCH, BUSINESS ORGANISATION AND APPLIED

ECONOMICS area: BUSINESS ORGANISATION

Location of the office: Office Business organisation

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SKILLS

- CB3 Apply knowledge in professional contexts and develop and defend arguments in the field of knowledge of mining engineering.
- CB4 Solve problems within the study area of Mining Engineering.
- CEB6 Accurate knowledge of the concept of company, institutional and legal framework of the company. Business organisation and management.

OBJECTIVES

Students should acquire fundamental and necessary knowledge for the understanding of COMPANY as a complex system, in the broadest functional perspective of the term.

CONTENTS:

1. Theoretical contents

BLOCK I: THE COMPANY AS A SYSTEM

Unit 1. The Company

- 1.1. Conceptual introduction and analysis
- 1.2. Company functions
- 1.3. Company elements

1.4. The company as a system

1.5. Types of companies

Unit 2. Entrepreneurs and Business plan

2.1. Entrepreneur: Concept and historic development

2.2. Entrepreneur theories

2.3. Entrepreneurs in Current Economy

2.4. Business Plans

BLOCK II: COMPANIES AND MARKETS

Unit 3. Markets I

3.1. Demand. Law of Demand.

3.2 Demand curve and shifts

3.3. Elasticity of Demand

3.4. Supply. Law of Supply.

3.5. Supply curve and shifts

3.6. Elasticity of Supply.

Unit 4. Markets II

4.1. The concept of Market

4.2. Market balance

4.3. Break-even price

4.4. Types of markets

BLOCK III: PRODUCTION SUB-SYSTEM

Unit 5. Production I

5.1. Company costs

5.2. Classification of costs

5.3. Break-even point

5.4. Concept and measurement of Productivity

5.5. Depreciation

Unit 6. Production II

- 6.1. Types of Production Systems
- 6.2. Production planning and control
- 6.3. PERT-method

Unit 7. Management of stocks

- 7.1. Stocks: goals and typology
- 7.2. Administration of stocks
- 7.3. Management of stocks
- 7.4. Optimal size of orders

BLOCK IV: THE FINANCIAL SUBSYSTEM

Unit 8. Finance I

- 8.1. Accounting information and usefulness
- 8.2. Fundamentals of Accounting
- 8.3. Company assets
- 8.4. Financial statements

Unit 9. Finance II

Unit 10. Analysis and Assessment of Investments

- 10.1. Investments in the company
- 10.2. Assessment and selection of investors
- 10.3. Financing in the company

2. Practical contents.

Market balance. Demand curve shifts Project control and planning techniques.