

Course Unit	-	Field of study	-
	-	School	School of Technology and Management
Academic Year	2022/2023	Year of study	1
Type	Semestral	Semester	1
Level		ECTS credits	2.0
Code	5063-749-1102-00-22		
Workload (hours)	54	Contact hours	<div>T</div> - <div>TP</div> - <div>PL</div> - <div>TC</div> - <div>S</div> - <div>E</div> - <div>OT</div> - <div>O</div> -

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) António Borges Fernandes

#### Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Understand the meaning of certain terms, such as: evaluation; investment; fixed and current asset, to distinguish the key aspects in the study of a agro-industrial projects.
2. Find the optimal capital structure to enable it to finance the agro-industrial investment projects.
3. Evaluate the various types of risk of an agro-industrial investment projects.
4. Develop a sensitivity analysis, or analysis of scenarios, using statistical methods for forecasting.
5. Prepare documents estimates, including estimating revenues and costs of exploration and extra exploration.

#### Prerequisites

Not applicable

#### Course contents

Framework and concepts relating to investment projects. Study of the feasibility of a project. Criteria and methods of evaluation. The price systems.

#### Course contents (extended version)

1. Framework and concepts relating to investment projects.
  - The concept of investment in their different perspectives;
  - The concept of capital and its relations with the investment;
  - The concept of project;
  - Investment projects in a business context;
  - Steps and cycle of a project.
2. Study of the feasibility of a project
  - Brief considerations;
  - Technical studies and forecast of costs;
  - Variants of a project;
  - Some errors and omissions in the development of some projects;
  - The critical point of sales.
3. Criteria and methods of evaluation.
  - Different types of cost and benefits of a project;
  - The determination of net working capital;
  - The cash flow of a project;
  - Criteria and measures of profitability of a project;
  - Sensitivity analysis and risk;
  - The investments plan;
  - The business plan;
  - The financing plan;
  - The objectives of a financing plan.
4. The price systems.
  - The system of constant prices;
  - The system of current prices.

#### Recommended reading

1. Cebola, A. (2017). Projetos de Investimento de Pequenas e Médias Empresas – Elaboração e Análise (2ª ed.). Edições Sílabo.
2. Matias, R. (2018). Cálculo Financeiro - Teoria e Prática (6ª ed.). Escolar Editora.
3. Soares, I., Couto, J., Moreira, J. & Pinho, C. (2015). Decisões de Investimento: Análise financeira de projetos (4ª ed. ). Edições Sílabo.

#### Teaching and learning methods

Theoretic-practical classes where concrete situations are presented and discussed, case studies, allowing not only the exchange of experience but also the practice of decision-making in groups and to help consolidate the results of learning. Classes will be oriented in view that students should be able to prepare an investment project.

#### Assessment methods

- Test - (Regular, Student Worker) (Final, Supplementary, Special)
- Final Written Exam - 100%

#### Language of instruction

Portuguese

#### Electronic validation

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23-06-2023	23-06-2023