



PERSONA CIENCIA EMPRESA

UNIVERSITAT RAMON LLULL

Code: 80319
Name of the subject: Financial Analysis

GENERAL CHARACTERISTICS

Number of credits ECTS:	3.0
Language/s	Catalan Spanish English
Type	Normal
Professor/s	Bou Ysás, Silvia

DESCRIPTION

BRIEF DESCRIPTION AND JUSTIFICATION

This course has as main objective to prepare the students for the investment and financing decisions in an industrial company.

The syllabus focuses on the analysis of the financial function of the company, starting from the financial statements and developing a model that allows two types of analysis:

- The analysis of deviation in business projects applied from an ex-post perspective.
- Financial planning through the application of the aforementioned model to financial statements from an ex-ante perspective.

Once the models have been developed, the different selection tools of projects based on the discounting of flows, as well as the different anomalies that can appear in certain cases of analysis, will be studied.

The effects of risk and inflation on investment projects will also be discussed.

In reference to the financing, tools are proposed for the correct choice between the different potential sources of financing for the industrial project under study.

Finally, in order to incorporate into the valuation of an industrial business project certain facts not covered by the models previously studied, the real options will be considered as a complementary valuation tool.

COMPETENCIES

The student, as a result of the training activities of the curriculum, will be able to:

- Understand the accounting of the firm and draw valid conclusions about its economic-financial situation and its future evolution.(CE2)
- Make decisions that are consistent with the company's goal related to investment and the different ways of obtaining financial resources.(CE3)
- Take ethically justified business decisions. (Ethical Commitment) (CT1)
- Set targets and evaluate the indicators for quantifying the degree of fulfillment of these objectives. The student should be able to search, select and interpret relevant information for the achievement of objectives. (Achievement orientation) (CT3)

PREREQUISITES

- Requirements legally established to access postgraduate programs.
- Degree in the scientific or technological field.

CONTENTS

1. Accounting as a data source for financial planning.
2. Investment Projects, Financing Projects and Aggregate Projects: Models.
3. Selection of Investment Projects: Criteria
4. Advanced Financial Planning: Mixed Projects
5. Effects of inflation on investment projects
6. Risk in the selection of investment projects
7. Sources of funding
8. Real Options

METHODOLOGY

TRAINING ACTIVITIES:

Training activities	ECTS Credits	Competencies
Lectures presenting concepts and procedures	0,6	CE2; CE3; CT1; CT3
Practical sessions (exercises, case resolution)	0,6	CE2; CE3; CT1; CT3
Assignments by Students	0,6	CE2; CE3; CT1; CT3
Seminars or tutorials	0,1	CE2; CE3; CT1; CT3
Personal study activities	1,0	CE2; CE3; CT1; CT3
Assessment sessions	0,1	CE2; CE3; CT1; CT3

Internship in Company		
TOTAL	3,0	

EXPLANATION OF TEACHING METHODOLOGY

The methodology used includes the following training activities:

1. Exposition of concepts and procedures. Interactive presentation of the subject by the teacher and study of the same by the student.
2. Resolution of exercises. Preparation and resolution by the students of various exercises, as well as their presentation.
3. Preparation and submission of papers. Elaboration of individual or group work and its subsequent oral presentation in class.
4. Seminars and Tutorials. Resolution of individual or small group doubts that allows to improve the learning process and optimize personalized attention.

EVALUATION

METHODS OF EVALUATION

Evaluation Methods	Weight	Competencies
Final exam	40	CE2; CE3; CT1; CT3
Partial exams	35	CE2; CE3; CT1; CT3
Following up activities	10	CE2; CE3; CT1; CT3
Homework and presentations	10	CE2; CE3; CT1; CT3
Experimental work or fieldwork		
Projects		
Evaluation of the company or institution		
Participation	5	CE2; CE3; CT1; CT3

LEARNING OUTCOMES

The general objective is to consolidate the student's training in the financial planning of an industrial company.

After passing this course, the student should be able to:

- Analyze the financial statements of a company
- Carry out the financial statements derived from an industrial project as well as relevant investment and financing projects.
- Analyze the feasibility of an industrial project.

EVALUATION

The final grade of the subject is obtained through the different evaluation activities:

1. Continuous assessment tests 35%: continuous assessment is very important in this subject. Through these tests, students must demonstrate that they have attained learning objectives.
2. Class activities 15%: through exercises and discussion of cases, students will be evaluated mainly in their ability to prioritize tasks, systematically organize the pieces of a problem to be solved by using particular procedures, And to ascertain the relationship between them (analysis and synthesis). From time to time, discussions will be planned to assess students' ability to make ethically sound decisions.
3. Works and presentations 10%: Works and presentations will be used to evaluate the ability to apply theoretical concepts to a real situation of a company.
4. Final exam 40%: In addition to continuous assessment tests and evaluation of classroom activities, students should also take a final exam.

EVALUATION OF COMPETENCIES

Competence: GUIDANCE TO ACHIEVEMENT:

- The student should be able to set goals and evaluate the indicators to quantify the degree of fulfillment of these objectives.
- The student must be able to search, select and interpret information relevant to the achievement of the objectives.

Description of the procedure followed to evaluate the learning outcome.

STRUCTURE OF THE EVALUATION In order to evaluate the learning outcome "Achievement Orientation" and also to verify progress through the course, the assessment structure is as follows:

First Valuation Point (1AI): In the first class students are given several examples of easy production processes and are asked to choose a type of production process and give the calculations to analyze the costs they would incur if They want to produce that product and the expected cash flows to get into the future. They are also asked to set a profitability goal.

Second Assessment Point (2AI): Students are given their initial proposal and are asked to review their own profitability goals and provide a full report on the feasibility of the project and the different alternatives they have using the tools given in course.

The level of achievement is assessed as follows:

Excellent Achievement (3) means: Students are highly capable in setting goals and assessing their achievement level.

Average achievement (2), which means: Students are able to set goals and evaluate their achievement level.

Poor performance (1), which means: Students are not able to set goals and assess their achievement level.

Competition: ETHICAL COMMITMENT -The student must be able to make ethically justified business decisions. Description of the procedure followed to evaluate the learning outcome.

STRUCTURE OF THE EVALUATION In order to evaluate the learning result "Ethical Commitment" and also to verify progress throughout the course, the evaluation structure is as follows:

First Valuation Point (1AI): In the first class students are given several examples of easy production processes and are asked to choose a type of production process and give the calculations to analyze the costs they would incur if They want to produce that product and the expected cash flows to get into the future. They are also asked to set a profitability goal that has to be ethically justified.

Second Assessment Point (2AI): Students are returned to their initial proposal and are asked to review their own profitability objectives and provide a full report on the feasibility and ethical implications of the project and the different alternatives they have by using Of the tools given in the course.

The level of achievement is assessed as follows:

Excellent Achievement (3) means: Students are highly capable in setting goals and assessing their achievement level.

Average achievement (2), which means: Students are able to set goals and evaluate their achievement level.

Poor performance (1), which means: Students are not able to set goals and evaluate their achievement level.

BIBLIOGRAPHY

Bibliography

- BREALEY, R., S.C. MYERS i F. ALLEN. Principios de finanzas corporativas. 11th edition. Madrid: McGraw-Hill, 2015.
- SUÁREZ SUÁREZ, A.S. Decisiones óptimas de inversión y financiación en la empresa. 21st edition. Madrid: Ed. Pirámide, 2005.
- ROSS, S.A.; R.W. WESTERFIELD i J. JAFFE. Finanzas corporativas, 9 th edition. México DF: McGraw-Hill, 2012.

DOCUMENT RECORD

PREVIOUS CHANGES

LAST REVISION

September, 2017. Silvia Bou, PhD