

## 27407 - Introduction to finance

### Información del Plan Docente

Academic Year	2017/18
Faculty / School	109 - Facultad de Economía y Empresa
Degree	417 - Degree in Economics
ECTS	6.0
Year	1
Semester	Second semester
Subject Type	Basic Education
Module	---

### **1.General information**

#### **1.1.Introduction**

#### **1.2.Recommendations to take this course**

#### **1.3.Context and importance of this course in the degree**

#### **1.4.Activities and key dates**

### **2.Learning goals**

#### **2.1.Learning goals**

#### **2.2.Importance of learning goals**

### **3.Aims of the course and competences**

#### **3.1.Aims of the course**

#### **3.2.Competences**

### **4.Assessment (1st and 2nd call)**

#### **4.1.Assessment tasks (description of tasks, marking system and assessment criteria)**

### **5.Methodology, learning tasks, syllabus and resources**

#### **5.1.Methodological overview**

The learning process designed for this subject is based on the following:

The coexistence of lectures with active participation from students with practical sessions taught in a computer room, comprising problems that will be solved by the students themselves with the teacher's help.

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### 5.2.Learning tasks

The program offered to help the student to achieve the expected results includes the following activities:

**1 Lectures** . They consist of lectures given by the teacher, whose main objective is to transmit the notions of the subject in a clear, concise and pleasant way. Audiovisual materials will be used, as well as Internet resources.

**2 Practical sessions and case studies in the computer room.** By using the spreadsheet and other software used in businesses and organizations.

**3 Autonomous student work.** It includes the study of theoretical and practical contents, by means of individual study, research and information analysis, among other activities.

**4 Evaluation activities,** needed to assess student's performance.

### 5.3.Syllabus

PART 1. Operations assessment.

Lesson 1. Introductory concepts on Finance. Financial valuation, interest rates, capitalization and discount.

Lesson 2. Annuities. Final value and present value of an annuity. Prepaid, postpaid, fixed period, lifetime, discrete, random and fraction annuity. Assessment of long-term financial operations.

Lesson 3. Financial information. Key documents and financial indicators. Financial ratios.

Lesson 4. Sources of financial information. Financial analysts.

Lesson 5. Market Valuation. Fundamental analysis and technical analysis.

PART 2. Investment.

Lesson 6. Profitability of an investment. NPV (Net Present Value) and IRR (Internal Rate of Return).

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Lesson 7. Liquidity risk of an investment. Term recovery of an investment (Pay Back) and liquidation value. Risk of an investment. Project selection under uncertainty.

Lesson 8. Risks associated with projects. Risk matrix. Financial strategies to minimize risk. Default risk management.

Lesson 9. Fundamentals of business valuation. Nominal value, book value, adjusted book value, substantial value, liquidation value, comparative methods, discounted cash flows.

Lesson 10. Non financial information. Intangible assets assessment: external assets, internal assets, and human resources.

### PART 3. Funding.

Lesson 11. Funding sources. Banks: loans and credits. The APR or annual percentage rate.

Lesson 12. Other funding sources. Leasing, renting, factoring, venture capital, equity loans, P2P loans, crowdfunding.

Lesson 13. Social Finance. Financial economy and sustainable development. Social and environmental aspects.

## 5.4.Course planning and calendar

*Sessions timetable:*

*The timetable for the lectures and practical sessions will be announced to the students at the beginning of the academic year and will be available at the subject webpage.*

<i>Classroom hours</i>	<i>Non-classroom hours</i>
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<i>Lectures</i>	<i>Practice</i>	<i>Seminars</i>	<i>Tutorials ECTS</i>	<i>Autonomous student work</i>
<i>30 h.</i>	<i>30 h.</i>	--	<i>15 h.</i>	<i>75 h.</i>

### 5.5. Bibliography and recommended resources

- The website [<http://ciberconta.unizar.es>] contains all the basic teaching materials, both theoretical and practical lessons.
- Aching Guzman. C. Matemáticas Financieras para la toma de decisiones empresariales, serie Mypes [<http://www.eumed.net/libros-gratis/2006b/cag3/>] [free pdf manual]
- Aparicio, A. Valoración Financiera [<http://www.masterfinanciero.es/>] [free pdf manual]
- Brealey, R. A & Myers, S. C., (2003). Principios de finanzas corporativas. 7ma. Edición, Mc. Graw Hill.
- Cantalapiedra Arenas, M. (2005). Manual de gestión financiera para pymes: conceptos y aplicaciones prácticas. Cie Inversiones Editoriales Dossat.
- Ferruz Agudo, L. Operaciones financieras. Ed. Ariel Economía
- Graham, B (2007), El inversor inteligente, Ed. Deusto
- Manzanera, A. (2010). Finanzas para emprendedores, Ed. Deusto
- Pellejero, P; Andreu, L & Ferreruela, S. Finanzas de la empresa Inversión y Financiación. Ediciones Copycenter Digital.