

TEACHING GUIDE

FINANCIAL MANAGEMENT I

GRADO EN ADMINISTRACIÓN Y DIRECCIÓN DE EMPRESAS (INGLÉS)

ACADEMIC YEAR 2026-27

Publication date: 25-06-2026



I.-Subject Identification

Type	OBLIGATORIA
Teaching period	3 course, 1Q semester
Nº of credits	6
Language in which the subject is taught	English

II.-Presentation

The Financial Management I course aims to provide analytical skills and theoretical knowledge to solve problems related to making decisions about investment projects that can be made in the future.

The profitability and liquidity of investment projects will be evaluated under certain and uncertain conditions. In the case of certain investment projects the decisions on the viability of investment projects will be made on the basis of profitability, and in the case of risky investment projects on the basis of expected profitability and the risk associated therewith.

It is not necessary any previous requirement to take this course, however, it is recommended to have a solid knowledge of accounting, financial mathematics, and statistics.

III.-Learning outcomes

CI01. Ability to analyse and synthesise: analysis, synthesis, evaluation and decision-making based on relevant information records on the company's position and potential growth.

CI06. Ability to analyse, search for and interpret information from different sources: ability to identify sources of relevant economic data, obtain and select information that non-professionals are not capable of recognising

CI07. Ability to solve problems

CI08. Ability to make decisions

CPR02. Project design and management.

CE04. Skills, Knowledge, both basic and specialized on the understanding of the operation, management and control of the different functional areas of the Financials

CP12 . Understanding the financial operations taking place in business

CP13 . Ability to solve problems both financial valuation of funding decisions as business investment

- Key for degrees not adapted to RD 822/21: **CB** - basic competences, **CG** - generic competences, **CE** - specific competences, **CT** - transversal competences.
- Key for degrees adapted to RD 822/21: **CON** - knowledge, **COM** - competences, **HAB** - skills.

IV.-Contents

IV.A.-Syllabus

I.- INTRODUCTION

Topic 1. Basic concepts

1. Investment and business financing as part of an economic discipline.
2. The traditional conception and the modern approach to the financial function.
3. The search for an objective for financial management.

II.- INVESTMENT PROJECTS ASSESSMENT

Topic 2. Investment in the company.

1. Concept and classification of investments.
2. The financial dimension of productive investment (variables).
3. Free Cash flow Estimation.
4. Cost of Capital.

Topic 3. Investment assessment methods under certain conditions

1. Static investment evaluation methods: Payback, Rate of return, Average rate of return.
2. Dynamic investment evaluation methods: Discounted payback period, NPV and IRR.
3. Considerations on reinvestment of net cash flows: Modified NPV and IRR.

III.- ASSESMENT AND SELECTION OF INVESTMENT PROJECTS UNDER RISKILY CONDITIONS

Topic 4. The risk in the Investment projects

1. Introduction.
2. The average of FCF.
3. Adjusting the Discount factor.
4. FCF under certainty conditions.
5. Comparison of both methods.
6. Sensitivity Analysis.

Topic 5. Investment Project decisions based on the average and the variance of NPV and IRR

1. Introduction.
2. The average of the NPV.
3. The Variance of NPV.
4. Statistic behavior of NPV.
5. Statistic behavior of IRR.

Topic 6. The random behavior of FCF of an investment project

1. Introduction.
2. FCF (Slump, normal, Boom).
3. Beta distribution, Triangular distribution, Uniform distribution.

Topic 7. Simulation and its use in investments decision making

1. Introduction
2. Simulation models.
3. Random numbers
4. Monte Carlo model.
5. The Useful of Monte Carlo Model to Asses the risk of investments.

Topic 8. Decision Trees

1. Introduction.
2. Decision trees.
3. Application of decision trees to investment problems.

IV.B.-Training activities



Type	Title
Prácticas / Resolución de ejercicios	Solving case studies through video conferences

V.-Student workload

Theoretical sessions	25
Resolution of exercises, problems, case studies, etc.	30
Practical sessions in experimental, technological and clinical laboratories, fieldwork, etc.	0
Tests and/or exams	5
Academic tutorials	30
Related activities: conferences, seminars, etc.	18
Preparation of theoretical sessions and self-study	20
Preparation of practical tasks, exercises, case studies, projects, etc.	30
Preparation for tests and/or exams	22
Total student workload	180

VI.-Methodology and academic programme

Type	Period	Content
Practical sessions	Week 1 to Week 15	Teaching of the practical contents of the program. and Resolution of examples and exercises under a combined online and face-to-face mode, in accordance with the time frame established by the Centre.
Tests and/or exams	Week 2 to Week 15	Class tests. Carrying out the evaluation tests throughout the course that the teacher considers. Carrying out the established tests throughout the course in the form of face-to-face.
Tests and/or exams	Week 16 to Week 16	Performance of the final theoretical-practical assessment test according to the examination schedule.
Theoretical sessions	Week 1 to Week 15	Theoretical content of the programme is taught in a combined online and face-to-face mode, in accordance with the time frame established by the Centre.

VII.-Assessment methods

The general assessment method is continuous as established in the *Regulation for the Assessment of Learning Outcomes* of Rey Juan Carlos University.

All the assessment systems established in the degree report must be employed, except for those that have a minimum weight of 0%, which can be used by professors in the academic years they consider relevant. Each assessment system may be applied through one or more assessment activities, consistent with the system. No assessment activity can exceed individually 60% of the overall grade for the subject.

The sum of non re-evaluable activities cannot exceed 40% of the overall grade for the subject and, in general, should not have an established minimum grade (except for practical activities in which, strictly speaking, the conditions of the ordinary call cannot be reproduced in the extraordinary call).

Those students who do not manage to pass the subject in the ordinary call, or do not attend this first call, may attend the extraordinary call only for failed re-evaluable assessment activities.

The distribution and characteristics of the assessment activities are described below.

VII.A.-Description and weight of the assessment activities



Evaluation Activity	Weight	Reassessable in Extraordinary Session	Minimum Grade	Content Covered	Date
4 - Evaluation of Problems and Case Studies (A)	40%	May be reassessable or not reassessable	5 / 10 (if reassessable)	According to test nature	During the term (date/s set by instructor)
3 - In-person Theoretical-Practical Exams (B)	60%	Reassessable	5/10	Entire syllabus	Official date

ORDINARY AND EXTRAORDINARY SESSIONS

To pass the subject *Financial Management I*, students must obtain a **minimum final grade of 5.00 out of 10** in both the **ordinary** and **extraordinary** (reassessment) sessions. The final grade will be calculated as the **weighted average** of the assessments described below:

$$\text{FINAL GRADE} = 0.4 \cdot A + 0.6 \cdot B$$

Details of each component:

1) Evaluation of Problems and Case Studies (A)

These assessments represent the student's work inside and outside the classroom throughout the course. Between 1 and 4 activities will be carried out, with proportional weight according to the number of activities. These may or may not be reassessable in the June session. If reassessable, a minimum grade of 5 is required. If not reassessable, no minimum grade is required. The exact nature of these activities depends on the specific teaching group and number of enrolled students. Each instructor will provide details in the Virtual Classroom at the beginning of the course.

• **Minimum grade to pass (if reassessable): 5.00**

• **Weight in final grade: 40%**

2) Theoretical-Practical Assessment (B)

This will consist of a multiple-choice test with both theoretical and practical questions related to the course contents. Additionally, depending on the teaching group, the instructor may include one or more practical exercises. These can be in written form or as multiple-choice, and the instructor may set minimum scores for each section to consider the test as passed.

• **This is an IN-PERSON and REASSESSABLE assessment.**

• **Minimum grade to pass: 5.00**

• **Weight in final grade: 60%**

• **Assessment period: official exam dates (see <https://gestion2.urjc.es/examenes/>)**

If the student fails to achieve the **minimum required grade** in either part A or B, the subject will be considered failed, and the final numeric grade will be the **higher of the failed components (A and/or B)**.

The instructor will publish detailed information about the tests in the Virtual Classroom at the beginning of the course.

ADVANCED SESSION

The evaluation during the **advanced session** will be similar to that of the regular January and June sessions, notwithstanding its exceptional nature:

•40% Evaluation of Problems and Case Studies (A)

It will consist of solving one or more problems or case studies, either on the day of the advanced session along with the theoretical-practical test (B), or to be submitted by the date set by the instructor. **Minimum grade to pass: 5.00**

•60% Theoretical-Practical Assessment (B)

Similar to section 2 above. **Minimum grade to pass: 5.00**

Date: During the evaluation period, according to the official schedule. See <https://gestion2.urjc.es/examenes/>.

IMPORTANT: If the student fails the advanced session, both evaluation activities (A and B) must be retaken in the next applicable session, regardless of previous scores.

VII.B. Assessment of students with academic exemption from class attendance



Having Academic Exemption from Class Attendance (DAAC) does not imply that students are automatically exempt from participating in the continuous assessment activities or in the training activities of compulsory attendance as established in the teaching guide. Once the exemption has been granted, students must contact the subject's teaching staff, who will propose the adaptations he/she may consider relevant, as long as they guarantee the acquisition and adequate assessment of the learning goals established. Students must maintain adequate communication with the teaching staff so that they may provide information on the dates for training and assessment activities, if these are not established in the programme and available for students at the time of achieving the exemption.

Subject with possibility of academic exemption: Yes.

VII.C. Review of assessment activities

In accordance with the Regulation for the Assessment of Learning Outcomes of Rey Juan Carlos University.

VII.D.-Students with a disability or special educational needs

In order to guarantee equal opportunities, non-discrimination, universal accessibility and academic success, students with disabilities or especial education needs may request curricular adaptations to follow their studies. These adaptations will be provided by the Unit of Attention to People with Disabilities of Rey Juan Carlos University, in accordance with the regulation which regulates the service for the Attention of People with Disabilities at the University. This Unit will issue a report for curricular adaptations, so that students with disabilities or special education needs must contact the service (at e-mail discapacidad.programa@urjc.es) in order to provide relevant information for different educational alternatives.

VII.E.-Academic behaviour, academic integrity and honesty

Rey Juan Carlos University is fully committed to the highest standards of academic integrity and honesty, so studying at the URJC means assuming and subscribing to the values of integrity and academic honesty set out in the University's Ethical Code. To support this process, the University has Rey Juan Carlos University's Academic Conduct Regulation as well as different tools (anti-plagiarism, supervision...) that offer a collective guarantee for the full development of these essential values.



VIII.-Teaching resources and materials

Basic bibliography

Corporate Finance. (2014). David Hillier, Stephen Ross, Randolph Westerfield, Jeffrey Jaffe, Bradford Jordan. 2nd European Edition. McGraw Hill

Brealey, R.A., Myers, S.C. y Allen, F.(2006). Principles of corporate finance(8a ed.). McGraw-Hill, Madrid

Decisiones optimas de inversión y financiación en la empresa. (2014). Suarez Suarez. Pirámide

Consultation bibliography

Finanzas empresariales. (2012). Julio Pindado García. Paraninfo

IX.-Professors

Name and surname	LUCÍA GALICIA SANGUINO
E-mail address	lucia.galicia@urjc.es
Department	Economía de la Empresa
Campus	Madrid - Vicálvaro
Category	Profesor/a Ayudante Doctor/a
Academic degree	Doctor
Person responsible for the subject	Yes
Tutorial timetable	Para consultar las tutorias póngase en contacto con el/la profesor/a a través de correo electrónico
Number of quinquennia	1
Number of sexennia	0
No. of positive evaluations by Docentia	2