

Academic Year: (2020 / 2021)

Review date: 14-03-2020

Department assigned to the subject:

Coordinating teacher: GUO , BING

Type: Electives ECTS Credits : 3.0

Year : 1 Semester : 2

STUDENTS ARE EXPECTED TO HAVE COMPLETED

Financial economics

This subject is elective but acquires mandatory character for those students who want to obtain ICAC accreditation.

COMPETENCES AND SKILLS THAT WILL BE ACQUIRED AND LEARNING RESULTS.

Basic competences

CB8 That students are able to integrate knowledge and face the complexity of formulating judgments based on information that, being incomplete or limited, includes reflections on social and ethical responsibilities linked to the application of their knowledge and judgments

CB9 That the students know to communicate their conclusions and the knowledge and last reasons that sustain them to specialized and non-specialized public in a clear and unambiguous way

General competences

CG1 Acquire the ability to locate, extract, and analyze information from multiple sources, and to form a reasoned opinion that can be defended in written or oral form to different audiences.

CG2 Acquire the ability to plan optimally in the allocation of contracted resources (selection of work team and budgeting project hours).

CG3 Acquire the ability to submit written reports orally to both the members of your team and your clients.

CG5 Ability to solve problems, from the analysis of data and structured or unstructured information, which may involve the management of databases, or information systems and business management. General

CG6 Acquire the ability to work in organized and structured work teams where each member is responsible for a part of which must subsequently inform the rest of the team.

CG7 Ability to diagnose potentially complex real problems by integrating and applying knowledge of different subjects. General

CG8 Acquire the ability to direct the search and learning of any new situation autonomously.

CG9 Ability to work in changing areas and to anticipate new situations.

Specific competences

CE9 Ability to apply advanced techniques to determine the value of a company based on its accounting information, systematic risk and atypical projects, as well as to perform a correct and detailed financial planning in different and uncertain scenarios.

CE10 Ability to understand the concept of risk and its different types to be able to manage it, and relate it to the different corporate structures (financial and non-financial).

CE11 Ability to use advanced techniques to manage each of the risks that affect a company. CE16 Ability to apply, according to current regulations at all times, advanced management techniques and accounting design of a company taking into account their financial, accounting and economic needs in order to ensure that accounting is the instrument of control and management that investors need.

CE17 Acquire the ability to know and propose solutions to the different agency problems that arise within the company.

DESCRIPTION OF CONTENTS: PROGRAMME

- 1: The financial function and financial markets
 - 1.1 The financial function
 - 1.1.1 Financial objective and long term strategy (ACCA G.1.a), G2.a))
 - 1.1.2 Internal Financial function
 - 1.1.3 Outsourced financial function (ACCA G.1.c))
 - 1.1.4 Shared financial functions vs global business services (ACCA G.1.c))
 - 1.1.5 IT developments and the financial function
 - 1.2 Financial markets
 - 1.2.1 Market structure
 - 1.2.2 Primary vs secondary
- 2: Investments static and dynamic methodologies
 - 2.1 Static investment methodologies
 - 2.2 Dynamic investment methodologies
- 3: Financing sources and issues of securities
 - 3.1 Equity financing
 - 3.2 Debt financing
 - 3.3 Security issuance
 - 3.4 Alternative financing sources (Crowdfunding and ICOs)
- 4: Cost of capital
 - 4.1 Cost of equity
 - 4.2 Cost of debt
 - 4.3 Weighted average cost of capital
- 5: Optimal capital structure
 - 5.1 Modigliani and Miller irrelevance proposition
 - 5.2 The role of corporate and personal taxes
 - 5.3 The trade-off theory of capital structure
 - 5.4 The pecking order theory
 - 5.5 Other theories and empirical evidence
- 6: Interactions between investment and financing decisions: the principal agent problem
 - 6.1 The asset substitution and risk-shifting problem
 - 6.2 The debt overhang problem
 - 6.3 The free cash flow problem
 - 6.4 The soft budget problem
- 7: Contract theory
 - 7.1 Complete contracts
 - 7.2 Incomplete contracts

LEARNING ACTIVITIES AND METHODOLOGY

- AF3 Theoretical practical classes
- AF5 Tutorials
- AF6 Group work
- AF7 Individual student work
- AF8 Partial and final exams

Code activity	Nº Total hours	Nº Hours Presencial	% Student's presence
AF3	63	63	100%
AF5	42	10.5	25%
AF6	78	0	0%
AF7	78	0	0%
AF8	9	9	100%
TOTAL SUBJECT	270	82.5	31%

ASSESSMENT SYSTEM

- SE1 Participation in class: 5%
- SE2 Individual or group work carried out during the course: 25%
- SE3 Final exam: 70%

In order to pass the subject, students need to meet the minimum passing score of 4 points (out of a possible 10) in the final exam. Students that do not meet the minimum passing

grade should retake the subject. If the retake exam is taken, the above grade criteria also apply.

% end-of-term-examination: 70

% of continuous assessment (assignments, laboratory, practicals...): 30

BASIC BIBLIOGRAPHY

- Brealye R., Myers S., Allen F. Principles of Corporate Finance, Mc Graw Hill, 2015