

27615 - Financial Valuation

Syllabus Information

Academic Year: 2021/22

Subject: 27615 - Financial Valuation

Faculty / School: 109 - Facultad de Economía y Empresa

Degree: 450 - Degree in Marketing and Market Research

ECTS: 6.0

Year: 2

Semester: Second semester

Subject Type: Compulsory

Module:

1. General information

2. Learning goals

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as lectures, practice sessions, autonomous work, study and assessment tasks.

Students are expected to participate actively in class throughout the semester.

Further information regarding the course will be provided on the first day of class.

The teaching methodology is planned for face-to-face classes. However, if necessary for health reasons, teaching could be delivered on line

4.2. Learning tasks

The course (6 ECTS: 150 hours (includes the following learning tasks:

- **Lectures** (30 hours). In these sessions the lecturer explains the basic concepts of financial transactions as well as the financial laws that allow assessing these operations, with the objective that the student calculates and reflects on the cost / return of different financial operations by solving simple theoretical-practical cases in the classroom. In these sessions, student participation will be encouraged to discuss the most important concepts analyzed in each session. The student will have access to the recommended bibliography and classroom materials before attending the corresponding session.
- **Practice sessions** (30 hours). Every week, in the computer rooms, students will have a small-group session of problem-solving and cases where they are expected to participate actively.
- **Assignments (P6 type)**. In case of the existence of these sessions, students will present and defend the proposed practical cases.
- **Tutorials, seminars, assignments and autonomous work** (90 hours)

The assessment will be prepared to be carried out as face-to-face examination, but if health circumstances do not allow it,

they will be carried out by doing it entirely online or in a blended way. In the case of online exams, it is important to highlight that, the student may be recorded, and he or she can exercise his or her rights by the procedure indicated in:

https://protecciondatos.unizar.es/sites/protecciondatos.unizar.es/files/users/lopd/gdocencia_reducida.pdf

The necessary software will be used to check the possibility of plagiarism. The detection of plagiarism or copying in an activity will imply that the activity or exam will be marked 0/10.

4.3. Syllabus

The course will address the following topics:

Section 1. Fundamentals of Financial Valuation

- Topic 1. Fundamentals of Financial Valuation
 - 1.1. Financial capital and financial operation
 - 1.2. Rational behavior comparing some financial capital
 - 1.3. Financial Law and the effect of compounding periods

Section 2. Valuation of Short-Term Financial Operations

- Topic 2. Short-Term Financial Operations
 - 2.1. Equivalent sums with simple financial law
 - 2.2. Bank discount
 - 2.3. Factoring
- Topic 3. Valuation of Financial Operations in Short-Term Public Debt Markets
 - 3.1. Characteristics of financial operations in short-term public debt markets
 - 3.2. Treasury Bills: primary and secondary markets
 - 3.3. Repo operations

Section 3. Assessment of annuities

- Topic 4. Annuities
 - 4.1. Concept and elements of an annuity
 - 4.2. Constant and immediate annuities
 - 4.3. Advance and deferred annuities
 - 4.4. Arithmetical progression annuities
 - 4.5. Geometrical progression annuities
 - 4.6. General annuities

Section 4. Assessment of Long-term Financial Operations

- Topic 5. Deposits
 - 5.1. Introduction to deposits
 - 5.2. Annuity due deposits
 - 5.3. Immediate deposits
- Topic 6. Loans
 - 6.1. Introduction to loans
 - 6.2. Method of constant principal payments
 - 6.3. French amortization method

6.4. Variable installment loans

6.5. Variable rate loans

6.6. The effective rate of loans

4.4. Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course, will be provided on the first day of class or please refer to the Faculty of Economics and Business website (<https://econz.unizar.es/>)