

27615 - Financial Valuation

Syllabus Information

Academic Year: 2019/20

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

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

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.

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.

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/>)

4.5.Bibliography and recommended resources