

**COURSE NAME: MATHEMATICS APPLIED TO ENTERPRISES**

**UFV CODE:** 4215 **ECTS:** 6.0

**TYPE OF COURSE:** T, 2C

**INTERNATIONAL CODE:** MAT4215 **YEAR:** 1

**REQUIREMENTS:** None

**OBJECTIVES:** Students will be given enough calculus and linear algebra to apply them to company finance

**COURSE DESCRIPTION:** Linear algebra, differential and integral calculus

**BIBLIOGRAPHY:** BARBOLLA, R. Y SANZ, P.: Álgebra Lineal y Teoría de Matrices.

Prentice Hall, 1998. CABALLERO, GONZÁLEZ y TRIGUERO: Métodos matemáticos

para la Economía. McGraw Hill, Madrid 1992

**METHODOLOGY:** Oral participation, working in-groups, representation and simulation

**EVALUATION:** Mid-term exams, written reports, attendance and participation, final theoretical and practical exam

**PROFESSOR:** Yolanda Cerezo López **LANGUAGE:** Spanish