



Universidad
Zaragoza

PCEO Grado en Derecho / Grado en Administración y Dirección de Empresas

30602 - Mathematics I

Course 2010 - 2011

Curso: 1, Semestre: 1, Créditos: 6.0

Basic information

Teachers

- **Juan Carlos Candéal Haro** candeal@unizar.es

Recommendations to attend this course

Course Schedule and Deadlines

Home

Learning outcomes that define this course

The student, in order to pass the course, will have to show her/his competence in the following skills:

Introduction

Brief presentation of the course

Competences

General aims of the course

The expected results of the course respond to the following general aims

Context/Importance of the course for the master degree

After completing the course, the student will be competent in the following skills:

Relevance of the skills acquired in the course

Evaluation

Assessment tasks

The student will prove that he/she has achieved the expected learning results by means of the following assessment tasks:

Activities and resources

Course methodology

The learning process that has been designed for this course is based on the following activities:

Outline of the Programme

The programme offered to the students to help them achieve the learning results includes the following activities :

Course planning

Calendar of actual sessions and presentation of works

Bibliographic references of the recommended readings

- Balbás de la Corte, Alejandro. Análisis matemático para la economía. I, Cálculo diferencial / Alejandro Balbás de la Corte, José Antonio Gil Fana, Sinesio Gutiérrez Valdeón . [reimp.] Madrid : AC, D.L. 1991
- Ejercicios resueltos de matemáticas empresariales / P. Alegre... [et al.] . - 1ª ed., 3ª reimp. Madrid : AC, D.L. 2004
- Ejercicios resueltos de matemáticas empresariales. Vol.1. Alegre, P... [et al.]. Madrid : AC, 1993.
- García Castro, Fernando. Cálculo infinitesimal-I / Fernando García Castro, Andrés Gutiérrez Gómez . [5a. ed.] Madrid : Pirámide, D.L. 1992
- García Castro, Fernando. Cálculo infinitesimal-II / Fernando García Castro, Andrés Gutiérrez Gómez . 4a ed Madrid : Pirámide, 1992
- Gutierrez Valdeón, Sinesio. Álgebra lineal para la economía / Sinesio Gutierrez Valdeón . 2ª ed., 1ª reimp. Madrid : AC, 2002
- Heras Martínez, Antonio. Problemas de álgebra lineal para la economía / Antonio Heras Martínez, José Luis Vilar Zanón . Madrid : AC, 1988
- Jarne Jarne, Gloria. Matemáticas para la economía : álgebra lineal y cálculo diferencial / Gloria Jarne Jarne, Isabel Pérez-Grasa, Esperanza Minguillón Constante . Madrid [etc] : McGraw-Hill, D.L. 2004
- Manual de álgebra lineal / Francisco Muñoz...[et.al.] . 1a ed., 1a reimp. Barcelona : Ariel, 1990
- Minguillón Constante, Esperanza]. Matemáticas para la economía : álgebra lineal y cálculo diferencial : libro de ejercicios /

Esperanza Minguillón Constante, Gloria Jarne Jarne, Isabel Pérez-Grasa . Madrid [etc] : McGraw-Hill, D.L. 2004

- Sydsaeter, Knut. Matemáticas para el análisis económico / Knut Sydsaeter, Peter Hammond ; traducción, Manuel Jesús Soto Prieto, José Luis Vicente Córdoba ; revisión técnica, Emilio Cerdá Tena , Xavier Martínez Guiralt . Última reimp. Madrid [etc.] : Prentice Hall, 2008