



Universidad
de Navarra

Asignatura: Antropología D (F. Económicas)

Guía Docente

Curso académico: 2014-15

Presentación

<http://www.unav.es/asignatura/antropologiaeconomd/>

Antropología D (F. Económicas)

Antropología

Curso 2014/15 - 6 créditos

Profesor: José Ramón Ayllón

Mail: joserra.ayllon@gmail.com

Despacho: 3060 Ed. Amigos

Horario de asesoramiento: lunes

Metodología y evaluación

Esta asignatura es presencial. Su evaluación, se realizará sobre tres conceptos:

- exámenes
- lecturas
- asistencia participativa.

Cada concepto supondrá un tercio de la nota final. No se aprobará la asignatura si se suspende uno de los tres conceptos.

Dos exámenes escritos –uno al final de cada semestre- se repartirán os 11 capítulos del libro *Antropología paso a paso*, y harán nota media.

La calificación de la convocatoria extraordinaria será la de un examen escrito, sobre los 11 capítulos del libro *Antropología paso a paso*.

Bibliografía obligatoria



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Los autores de lectura imprescindible son:

Homero, Platón, Aristóteles, Marco Aurelio, san Agustín, Shakespeare, Calderón de la Barca, C. S. Lewis, Viktor Frankl, Juan Luis Lorda y Julián Marías.

El manual de la asignatura es:

Antropología paso a paso, Ed. Palabra, 2013.

[Localiza este libro en la Biblioteca](#)

Cronograma

Los días y las clases son los siguientes:

PÁGINA EN CONSTRUCCIÓN



Asignatura: Calculus I C (F. ECONÓMICAS)

Guía Docente

Curso académico: 2014-15

Introduction

<http://www.unav.es/asignatura/calculus1Ceconom/>

Calculus I

Course description: The aim of this course is to provide the basic tools of Differential and Integral Calculus which are necessary to succeed in the following courses that are taking part in the degrees of Economics, Management and Business Administration.

Department: Economics

School: Economics and Business

Degrees: IDM, IDE, double degrees GML and GEL

Year: 1st

Semester: 1st

ECTS credits: 6 (approximately 150 working hours)

Type: compulsory

Language: English

Instructors (IDE/GOV):

- Chandresh Thakrar (cthakrar@unav.es), office 2300 (2nd floor)
- María Castillo Latorre (mclatorre@unav.es), office 2280 (2nd floor, row) - Precalculus and Support classes (held in Spanish)

Course schedule and room (IDE/GOV):

- Tuesdays from 6 p.m. to 8 p.m. at room 05.
- Fridays from 3 p.m. to 5 p.m. at room 05.

Competences

Competences of the course



1. Knowledge

Students following this course will attain the following expertise:

- To be able to analyze real functions in one variable graphically, numerically and analytically. And to study the local and global behaviour of these functions applying limits and derivatives.
- To be able to calculate the minima and maxima of functions in one variable in order to solve optimization problems.
- To be able to implement the most common methods of function integration.
- To be able to deal with notions of sequences and series.

2. Skills and attitudes

Students must be able to:

- Examine and solve problems by using the most suitable mathematical tool from the available sources.
- Develop the critical capacity over the obtained results so as to discern which of them are useful in an economic and business framework, and as the basis of a decision-making process.
- Use the modern mathematical language considering that interdisciplinary team work involves the interaction between different types of professionals such as economists, mathematicians, software engineers...
- Learn how to manage work in teams.

3. Learning outcomes

At the end of this semester, students should have gained the proper knowledge, skills and attitudes that are expected from this course. The achievement of these targets will be assessed with different exams and tests.

Competences of the degree

The general or transverse competences that are developed throughout this course are the following:

Transverse competences:

1. Development of logical thinking skills.
2. Capacity for analysis and synthesis when addressing problems.
3. Sense of responsibility and effort.
4. Ability to work in a team.
5. Planning tasks and time management.
6. Capacity to learn on ones own.

The course of Calculus I is part of Module IV: Quantitative Methods for Economics for the Degree in Economics. With regard to the characteristic competences that must be acquired with the subjects in this



module, the course of Calculus I achieves the following:

Specific competences for the Degree in Economics:

1. Implementing mathematical reasoning and quantitative tools to the analysis of the current state of the economy.

This competence *is divided into two* of the specific competences of Module IV:

- To know, comprehend and use mathematical reasoning.
- To delve into the knowledge of quantitative methods for the economics analysis.

At the same time, the course of Calculus I belongs to Module IV: Quantitative Methods for Business for the Degree in Business Administration. The course of Calculus I as a part of this module achieves the following competence:

Specific competences for the Degree in Business Administration:

1. Implementing mathematical reasoning and quantitative tools to problem solving associated to the decision-making process in the business administration.

This competence *is divided into two* of the specific competences of Module IV:

- To know, comprehend and use mathematical reasoning.
- To know how to implement quantitative tools to the problem solving process involved in the business field.

Program

1-. Introduction. [Chapter 3]. Summation notation. Rules for sums. Double sums. Economic examples and applications. [1 week].

2-. Functions of one variable. [Chapter 4]. Basic definition. Graphs of functions. Linear functions. Quadratic functions. Polynomials. Power functions. Exponential functions. Logarithmic functions. Economic examples and applications. [1 week].

3-. Properties of functions. [Chapter 5]. Shifting of functions. New functions from old. Inverse functions. Graphs of equations. General functions. Economic examples and applications. [1 week].

4-. Differentiation. [Chapter 6]. Slopes of curves. Tangents and derivatives. Increasing and decreasing functions. Rates of change. A dash of limits. Simple rules for differentiation. Sums, products and quotients. Chain rule. Higher-order derivatives. Exponential functions. Logarithmic functions. Economic examples and applications. [2.5 weeks].

5-. Derivatives in use. [Chapter 7]. Implicit differentiation. Differentiating the inverse. Linear approximations. Polynomial approximations. Taylor's formula. Continuity. More on limits. Intermediate value theorem. Infinite sequences. L'Hôpital's rule. Economic examples and applications. [2.5 weeks].

6. Integration. [Chapter 9]. Indefinite integrals. Area and definite integrals. Properties of definite integrals. Integration by parts. Integration by substitution. Infinite intervals of integration. Separable and



linear differential. Economic examples and applications. [2.5 weeks].

7-. Single-variable optimization. [Chapter 8]. Simple tests for extreme points. The extreme value theorem. Local extreme points. Inflection points. Economic examples and applications. [1 week].

Evaluation

The final mark of this course will be the average weight of the following:

Grading December

- Surprise tests x5* (15 mins each): 40% Dates: Determined by the professor on ad-hoc basis
- Mid-term exam 120 mins: 10% Date: October 13, 2014. 9am. Aula: TBA
- Final exam 120mins: 50% Date: December 5, 2014
- Attendance and participation in the support precalculus classes: 5%

* **The 40% assessment for the surprise tests is based on the best 4 scores out 5.**

You must pass the final exam in December with a minimum score of 5/10 in order to pass the Calculus I course.

Educational activities

Face-to-face activities:

1. Theoretical/practical classes: 36 hours.
2. Problem solving classes. Each week a problem set will be assigned and some problems will be discussed in class: 20 hours.
3. Seminars (application to Economics and Business): 4 hours.
4. Exams. Midterm and final exams: 4 hours.

Non face-to-face activities:

1. Personal solving problems: 46 hours.
2. Personal study: 40 hours (there will be support groups for 24 out of these 40 hours).

Total face-to-face activities: 64 hours.

Total non face-to-face activities: 86 hours.

Methodology

The course includes different face-to-face and non face-to-face activities.

Due to the heterogeneity of the students' mathematical levels (either coming from sciences or from humanities) and aiming to ease the learning process of this course, a test will be held on **Tuesday, the 2nd of September** to assess the precalculus level of each student. Those students who do not pass this



test (marks less than 6) will have to attend compulsorily support classes focused on those topics that had not been properly understood before, either because they had not been studied or because they had not been learned deeply enough. Students that pass this initial test will have non-compulsory support classes. Nevertheless, a bonus of 5% of the final mark will be given to those students attending support classes or to those who have passed the initial test. More information about these support classes will be given further on.

Classes of the Calculus I course will include theoretical and practical sessions, problem-solving sessions, computer laboratory sessions and seminars where particular applications to Economics and Business will be discussed.

Each week students will be given a set of problems to solve and reinforce the topics that have been learned. One class per week will be devoted to discuss these exercises.

Apart from a midterm and a final exam, several surprise tests will be held. Dates for the midterm and final exams will be fixed by the faculty and will be published in due course.

Support classes

- They will consist of two weekly hours (in small groups) where those problems that have been assigned the previous week will be discussed. Sets of problems will be available on the web.
- The distribution of groups will be published at the end of the first week of classes.
- From October onwards, the precalculus classes will be focused on the reinforcement of the units being taught throughout the Calculus I course.
- The first week of October an optional test will be held. Those students that successfully complete this test may stop attending the support classes. However, if they wish they can continue attending these classes in order to foster those notions being learned in classes. We would like to emphasize that this test is non-compulsory.
- The 5% bonus requires no more than 2 absences to the support classes which must be properly justified (in case of illness a medical certificate must be provided).

Bibliography & Resources

Main reference for classes

- Sydsaeter, K., Hammond. (2012). *Essential Mathematics for Economic Analysis*. 4th Edition. Pearson.

[Find this book at the library](#)

Additional Resources

- Chiang, A. and Wainwright, K. (2005). *Fundamental methods of Mathematical Economics*. 4th Edition. McGraw Hill
- Larson, R. and Edwards, B.H. (2011). *Calculus*. 9th Edition. McGraw Hill.



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Office Hours

- Chandresh Thakrar: Mondays from 10:00-11:00 and Thursdays from 10:00-11:00, office 2300.
- María Castillo: Mondays from 16:00 to 17:30 and Thursdays from 13:00 to 14:30, office 2280.



Universidad
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Asignatura: Chino A1.A 01

Guía Docente

Curso académico: 2014-15

Presentación

<http://www.unav.es/asignatura/chA1A01/>

Chino A1.A 01

Este curso es el primer semestre de un curso anual de lengua chino para principiantes.

se aprende las conversaciones cotidianas y la cultura china.



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Asignatura: Debate (F.Económicas)

Guía Docente

Curso académico: 2014-15

Introduction

<http://www.unav.es/asignatura/debateeconom/>

Debate (F.Económicas)

An invitation to think about some contemporary key issues through personal writing and dialogue with the rest of the group.

Una invitación a pensar sobre algunas cuestiones claves de la actualidad a través de la escritura personal y del diálogo con los demás del curso.

Language: English

Professor: Jaime Nubiola [jnubiola@unav.es]

Timetable: Tuesdays 6 pm to 7:30 from January 13 until March 17, except February 17 and 24.

Classroom: 07

Credits: 1,5

Program

The contemporary key issues which will be studied through personal writing and dialogue with the rest of the classmates are the following ones:

1. Thinking, Writing, Talking: Intellectual Life.
2. Feminism, Women in Business and Public Space.
3. Personal Relations: Dialogue and Forgiveness.
4. Pluralism and Relativism.
5. Political Issues (War and Peace) and Personal Issues (Greed and God).

Writing schedule

Students must submit the following essays printed in paper:

January 20: Biographical profile [500 words]

January 27: Essay 2 related with ["The Voices of Women"](#) or Sheryl Sandberg's TED Talk [Why we have](#)



[too few women leaders](#) [500 words]

February 3: Essay 3 related with ["To Forget or to Forgive"](#) or ["Conversing is not a luxury, it's a necessity"](#) [500 words]

February 17: Essay 4 related with ["Pragmatism and Relativism: A Defense of Pluralism"](#) [500 words]

March 3: Team Essay 5 related with [Obama's Nobel Prize Lecture](#) or Gordon Gekko's ["Greed is Good"](#) [500 words]

Calendar

The course will be conducted according to the following tentative schedule:

January 13: Course Presentation. An Invitation to Think.

January 20: How to Write. How to Talk.

January 27: Reading and Debate Biographical Profiles

February 3: Reading and Debate Essay 2

February 10: Reading and Debate Essay 3

[No lecturing on February 17 and 24]

March 3: Reading and Debate Essay 4

March 10: Reading and Debate Team Essay 5. Presentation of 11 personal blogs.

March 17: Presentation of the remaining 20 personal blogs.

Bibliography and Resources

The students should read carefully the following documents:

1. ["The Voices of Women"](#)
2. Sheryl Sandberg's TED Talk [Why we have too few women leaders](#)
3. ["To Forget or to Forgive"](#)
4. ["Conversing is not a luxury, it's a necessity"](#)
5. ["Pragmatism and Relativism: A Defense of Pluralism"](#)
6. [Obama's Nobel Prize Lecture](#)

In the preparation of the essays the students should pay attention to:



G. Harvey, *Writing with Sources. A Guide for Harvard Students*, Hackett, Indianapolis, 2nd edition 2008,
Accesible at

<http://isites.harvard.edu/fs/docs/icb.topic624846.files/WritingSourcesHarvard.pdf>

Assessment

Students should:

- Attend class sessions.
- Read the six documents included in the Bibliography.
- Write four essays individually, and one essay on team with two or three students.
- Orally present in class at least one essay and the personal blog with the essays.

There will be no final exam. To be qualified is essential to have:

- Attended seven of the eight class sessions.
- Delivered the five essays.
- Made public on the Internet the personal blog with the essays.

The final grade will be distributed as follows:

- Essays (5): 50%
- Class participation: 20%
- Final work (blog): 30% (15% oral presentation & 15% content of the blog)

Students' blogs

[Juancho Argenzio](#)

[David Aróstegui](#)

[María Ávila](#)

[Montserrat Badía](#)

[Marta Burgos](#)

[Miguel Carricas](#)



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[Quim Cassany](#)

[Carmen Díaz](#)

[Carla Fernández](#)

[Javier Fernández](#)

[Javier Figueroa](#)

[Javier Fraga](#)

[Xabier Goikolea](#)

[Guillermo Gómez](#)

[Luis Huici](#)

[Patricia Iriarte](#)

[Elena de Lorenzo-Cáceres](#)

[Nuria Luri](#)

[Fernando Méndez](#)

[Nicole Mendoza](#)

[Mario Pérez-Calvo](#)

[Felipe Ortuño](#)

[Jacobo Prósper](#)

[Nicolás Quijera](#)

[Álvaro Ruiz](#)

[Joanna San Román](#)

[Bea Santiago](#)

[Alexandra Serra](#)

[Enrique Varela](#)

[Juan Vidal de la Peña](#)



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Here there are the links to blogs of the students of the previous year:

[*Ana F. Alemany Blog*](#)

[*Germán Barba's Blog*](#)

[*Fernando Benavides*](#)

María Chiva: [*The Question Mark*](#)

Eduardo Collin: [*La cátedra de Edu*](#)

Sebastián Coronel: [*The Hamilton Blog*](#)

José Ricardo Díaz: [*Economics, Communication and Development*](#)

[*David Eslava Today*](#)

[*Ibone Gómez Olagüe*](#)

[*Ignacio Gómez*](#)

Pedro González: [*Finding the Truth*](#)

[*Blog de Juan Ignacio Güenechea*](#)

[*Alfonso Hermoso*](#)

[*Marc Herrero Faura's Blog*](#)

[*Inés Huete*](#)

[*Jaime Ibarra's Corner*](#)

[*Melanie Kubbinga*](#)

[*Marta Miranda's Blog*](#)

[*Blog de Francisco Nadal*](#)

[*Lourdes Nagore*](#)



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[Íñigo Peña Medrano](#)

[Hector C. Reichard](#)

[Blog de Michael Sevillano](#)

[Taren Shaw's Blog](#)

[Yannick Voit](#)

Rocío Ysasi: [Concerns](#)

Office hours

Saturdays 10-13

Office 2240, Old Library Building



Asignatura: Francés C1.A 01

Guía Docente

Curso académico: 2014-15

Presentación

<http://www.unav.es/asignatura/fC1A01/>

Francés C1.A 01

Descripción de la asignatura

Aprendizaje de la lengua francesa partiendo de conocimientos de la misma correspondientes al nivel B2 del MECRL.

Datos generales

-
- Créditos (ECTS): 3
-
- Organización temporal: 2 clases de 90 minutos/semana
-
- Nivel: C1
-
- Idioma en que se imparte: Francés
-
- Fechas: del 1 de septiembre de 2014 al 28 de noviembre de 2014
-
- Horario: lunes y miércoles, 11.30-13.00 seminario 24 (edif. Amigos)
-
- Profesores: Marie Blanchy mblanchy@unav.es ,
-

Actividades formativas

Actividades presenciales (48 horas)

Se aplicará en las clases presenciales una metodología activa, combinando teoría y práctica, flexible y centrada en el alumno que así aprenderá a interactuar con sus compañeros en este idioma.



Se dedicarán entre 2 y 3 horas a los exámenes presenciales.

Actividad del alumno en clase:

El alumno aprenderá a comunicar en francés en situaciones relacionadas con su área de estudio y en el ámbito personal utilizando el léxico apropiado, las expresiones de cortesía, etc.

Se realizarán en clase actividades para reforzar estas competencias en situaciones comunicativas.

El alumno realizará trabajos en clase de forma individual o en grupo para consolidar los conocimientos lingüísticos y las competencias correspondientes al nivel.

Se utilizarán libros y recursos audiovisuales o multimedia para impartir el idioma. Se dará especial importancia a la utilización de las tecnologías de la información y la comunicación dentro y fuera de la clase.

Se indicará constantemente al alumno (en clase y a través de ADI) dónde puede encontrar actividades para trabajar fuera de clase los contenidos que se ven en clase y las competencias que debe adquirir o mejorar.

Para todo lo anteriormente expuesto, el alumno debe:

Participar activamente en clase.

Realizar los trabajos asignados y los exámenes presenciales en el tiempo establecido.

Actividades no presenciales (63 horas aprox.)

El alumno realizará:

Ejercicios de consolidación del trabajo lingüístico realizado en clase (tarea obligatoria).

Los alumnos deberán realizar ejercicios lingüísticos para reforzar los contenidos de las clases (vocabulario, gramática, etc.). Dichas tareas se corregirán en la siguiente clase.

Los alumnos prepararán unos trabajos escritos y los redactarán, teniendo en cuenta los criterios que explicarán los profesores en cada caso.

Ressources: écouter et voir

voir

apprendre avec [TV5](#) , exercices à partir de journaux télévisés et autres émissions

[parlons français, c'est facile...](#) bonnes vidéos et bons exercices

ou simplement, [regarder la télé](#) et s'informer



journal télévisé: france 2 <http://www.francetvinfo.fr/replay-jt/france-2/> possibilité de voir la transcription en descendant dans la page.

vidéos sur [les professions](#)

des quiz vidéos de tous les niveaux: <http://www.flevideo.com/> , mais de plus ou moins bonne qualité (si vous les faites vous pouvez m'envoyer le résultat avec le code de professeur Marie31)

écouter

[français facile](#)

[Radio France International](#) (+ difficile)

[France info](#), radio d'information en continu, beaucoup d'archives de toutes sortes.

et les vidéos de France info sciences <http://www.franceinfo.fr/vie-quotidienne/sciences/dossier/info-sciences-toutes-les-vidéos-28135>

écouter ou voir

[voxalead](#), pour les informations données à la radio ou à la télé sur un thème concret à partir d'un mot-clé (ex: jeux olympiques, Londres, athlétisme...). Attention: la transcription, faite par un programme de reconnaissance vocale est souvent erronée.

Ressources: lire

PRESSE

presse quotidienne

Chaque jour, la [Une](#) (la première page) de beaucoup de journaux dans le monde.

presse hebdomadaire

[Courrier international](#) Hebdomadaire francophone offrant une sélection traduite en français des articles les plus intéressants, originaux et d'actualité recueillis dans la presse mondiale.

Ressources: exercices

exercices en ligne

Une mine de ressources: [le point du fle](#)



Accord: basique et intermédiaire, exercices de grammaire classés par thème lexical (ville, voyage, société...) <http://www.didieraccord.com/>

Latitudes: exercices auto correctifs en 3 niveaux <http://www.didierlatitudes.com/>

<http://www.restena.lu/amifra/exos/index.htm> site où vous trouverez des exercices d'[Orthographe](#), [Grammaire](#), [Verbes](#), [Vocabulaire](#), [Expression écrite](#), [Culture générale](#).

Ressources: conjugaison

verbes

voir la conjugaison d'un verbe ou identifier une forme verbale:

le conjugueur: <http://www.leconjugueur.com/>

Ressources: dictionnaires

[dictionnaires bilingues](#) (à utiliser avec précaution!)

[dictionnaire très riche: définition, synonymes, antonymes etc.](#)

Ressources: jeux

Oui, bon, enfin... des jeux...

C'est plutôt une autre façon de vous faire améliorer vos connaissances et vos compétences!

[TV5 Monde](#), [jeux de langue du CCDMD](#)

[mots croisés thématiques](#)

[pour revoir le passé simple](#)

[pour revoir le conditionnel](#)



Asignatura: Introduction to Law (F. Económicas)

Guía Docente

Curso académico: 2014-15

Introduction

<http://www.unav.es/asignatura/introlaweconom/>

La asignatura de Introducción al Derecho/Introduction to Law se imparte en lengua inglesa y castellana en la Facultad de Económicas para los alumnos de 1º curso de grado de Governance.

La asignatura, en todas sus materias, se dará de una forma eminentemente práctica de cara a que el alumno pueda asimilarla y sobre todo comprender la gran relación que existe entre el mundo del Derecho y el de la Economía y la Administración de empresas.

Asignatura obligatoria de 6 Ects (150 horas) impartida en el segundo semestre del primer curso.

La asignatura es de carácter obligatorio y pertenece al Departamento de Economía.

Horario de clases: Martes y jueves de 18:00 a 20:00 horas en el Aula 7 del Edificio Amigos.

El profesor del área en inglés es Scott Wishart.

El profesor del area de castellano es Ignacio Íñigo Berrio.

Competences

Competencias del Grado: MODULO III DE ECONOMÍA Y MODULO V DE ADE.

- 1.- Desarrollo del razonamiento lógico.
- 2.- Capacidad de análisis y síntesis de las problemáticas abordadas.
- 3.- Motivación y superación.



- 4.- Sentido de la responsabilidad y del esfuerzo.
- 5.- Capacidad de comunicación oral
- 6.- Capacidad de trabajo en equipo
- 7.- Capacidad de crítica y autocrítica
- 8.- Fomentar las capacidades de innovación y liderazgo
- 9.- Planificación de tareas y gestión del tiempo
- 10.- Puntualidad y ética en el trabajo
- 11.- Capacidad de aprendizaje autónomo
- 12.- Visión interdisciplinar de las problemáticas económicas
- 13.- Alimentar la sensibilidad hacia los problemas éticos, sociales y medioambientales de los asuntos económicos.

Competencias de la asignatura:

- 1.- Manejar los conceptos básicos de la disciplina jurídica, mediante un sencillo aprendizaje teórico.
- 2.- Conocer la naturaleza legal de los contratos económicos más importantes mediante el desarrollo de diversos supuestos de hecho relacionados con la materia del Grado.
- 3.- Afrontar y resolver cuestiones jurídicas sobre la materia impartida.
- 4.- Defender, por oral y por escrito, diversos posicionamientos jurídicos.
- 5.- Aprender la estructura y conceptos fundamentales del Derecho societario mediante la constitución y modificación posterior de una sociedad.
6. Trabajar en grupo y contrareloj materias sencillas pero amplias mediante el reparto de trabajo y puesta en común del resultado para su defensa conjunta.

Program

AREA I.- (Castellano) El Mercado. Regulación jurídica del mercado.

AREA II.- (Inglés) Common Law - Derecho Civil.

AREA III.- (Castellano) Derecho Societario.

Educational activities (Área Castellano & English Area)

A lo largo de las dos áreas impartidas en castellano habrá clases expositivas basadas en el material colgado en ADI.

Habrà otras clases de actividades prácticas a desarrollar por los alumnos con una pequeña exposición y



evaluación.

En ambos tipos de clase podrá haber pequeñas exposiciones sobre noticias actuales relacionadas con la asignatura, previa orientación del profesor.

Además a lo largo de la asignatura se debe realizar un caso práctico sobre el Área 1 fuera del horario de clase con exposición pública y completa.

Los casos prácticos se pueden considerar de carácter voluntario pero realmente influyentes en la calificación del alumno.

El caso práctico a elaborar fuera del horario de clase será adjudicado al principio del semestre. Para ello todos los alumnos deben entrevistarse con el profesor en el horario habilitado para ello junto con el grupo con el que van a realizar el trabajo. En esa entrevista se darán una serie de indicaciones a seguir, tales como fecha de entrega y exposición.

Dichos casos prácticos se podrán entregar en grupos de dos o tres alumnos.

En todo caso los trabajos se deben entregar a ordenador, incluyendo OBLIGATORIAMENTE, un primer folio con los nombres y apellidos de los alumnos que lo han elaborado y estarán todos los folios debidamente GRAPADOS.

Asimismo se deberán entregar física y personalmente el día y en la clase señalado para ello.

A excepción del trabajo práctico largo el resto del trabajo práctico se realiza en horario de clase por lo que se aconseja dedicar tiempo suficiente e incluso abundante al caso práctico largo.

Su objetivo fundamental es el de acercar al alumno conceptos básicos del mundo del Derecho, adentrándose en algunas áreas de forma sencilla, tales como el Derecho laboral y el Derecho hipotecario, para acabar centrándose en el Derecho mercantil con especial dedicación al Derecho societario. Ello se traduce en los siguientes puntos:

- 1.- El alumno debe adquirir unos conocimientos básicos sobre el Derecho en sus materias más próximas a los Grados de Economía y ADE.
- 2.- El alumno deberá trabajar, estructurar, resolver y defender, tanto por escrito como oralmente y tanto en grupo como individualmente, casos prácticos de la materia impartida con el análisis y defensa de diversas partes, jurídicamente hablando.
- 3.- El alumno debe dar respuesta a planteamientos jurídicos sencillos con base en los conocimientos adquiridos.
- 4.- El alumno debe discernir en cada cuestión lo que es relevamente jurídicamente hablando de aquello que no tiene contenido jurídico.

Upon completion of the Common Law segment of this course a student will have;

- Developed a fundamental understanding of U.S. Legal System, its history and elements of its ongoing evolution.
- An appreciation of the role of the Common Law Methodology within the U.S. Legal System.
- Developed an insight into the Case Law interpretive process.



Course Skills:

Upon completion of this course a student will have developed the following skills:

- Improved their ability to express themselves, both orally and in writing, in English.
- Come to better understand the Common Law methodology in U.S. case law analysis.
- "Brief" a case, and perform competent U.S. case law analysis and application.

Course Performance Objectives:

Upon completion of this course a student will have developed the ability to:

- Open their minds to the process of "Active Listening"; i.e. to be able to "Listen", "Think" and "Respond" during class discussion.
- Overcome their reluctance to participate orally in class discussion.
- Appreciate the benefits of sharing their individual thoughts and insights to enhance the richness of the classroom experience.
- Work hard to improve their ability to express themselves, both orally and in writing, in English.
- Prepare for class discussions in advance by reading course materials in advance.
- Participate actively in class, by responding to questions posed by the professor, and posing questions themselves.

Assessment

A lo largo de la asignatura el alumno puede alcanzar un total de diez puntos, siendo necesario obtener cinco de ellos para aprobar la asignatura.

Seis de esos puntos se consiguen en el área impartida en castellano y cuatro en la impartida en inglés.

De los seis puntos que se pueden obtener en la asignatura, tres se pueden obtener en el examen final y los otros tres en la parte práctica.

El examen final constará de tres preguntas, teóricas o prácticas, sobre la materia vista en clase, cada una de ellas valdrá un punto, siempre según las orientaciones impartidas en clase, tratándose siempre de preguntas sobre materias concretas y no generales de la asignatura.

Los tres puntos de los casos prácticos se obtendrán principalmente por medio del caso que se elaborará fuera del horario de clase de cuyo contenido y fecha de entrega se informará debidamente a los alumnos y, en todo caso, con dos semanas de antelación mínima. Pero también influirán en la nota de los casos prácticos la asistencia y participación en clase, la exposición voluntaria de los casos trabajados, la exposición y explicación de noticias relacionadas con la asignatura y la participación positiva en el foro de la asignatura.

Respecto a la convocatoria extraordinaria del mes de junio la nota será sobre diez puntos y se compondrá de dos partes, una en castellano y otra en inglés.

Bibliography and Resources (Área Castellano & English Area)



Tal y como se ha dicho se irá facilitando el material necesario para complementar el trabajo de clase. No obstante si el alumno considera que necesita un manual de apoyo el más indicado para ello es "Derecho para universitarios" del profesor Eduardo M^a Valpuesta publicado en Ediciones Eunate, ya que el mismo además de ser muy práctico y funcional se ajusta en gran medida al programa de la asignatura.

[Localiza este libro en la Biblioteca](#)

Asimismo para la elaboración de los casos prácticos es conveniente, aunque no obligatorio, el uso de algún Código de Legislación mercantil que contenga, al menos las principales normas societarias y de regulación del mercado. Uno apropiado para la asignatura sería el "Código de Comercio y otras normas mercantiles" de la Editorial Aranzadi en su edición de 2011.

En la página web de la asignatura y por medio de ADI se irán facilitando documentos adicionales al temario para facilitar la comprensión de la asignatura.

Por tanto el material necesario o conveniente para cursar la asignatura sería:

Material proporcionado en ADI sobre el temario.

Course English Bibliography:

An Introduction to Anglo-American Law and Case Analysis: **Supplementary Materials** (Binder).

A Practical Guide to Legal Writing and Legal Method (3rd edition), John C. Dernbach et al., Aspen Publishers (2007).

Charles Abernathy, Law in the United States (electronic copies will be distributed)

Recommended Additional Readings:

American Law in a Global Context: The Basics, by George P. Fletcher and Steve Sheppard, Oxford University Press (2005).

An Introduction to the Anglo-American Legal System, by Toni M. Fine, Thomson Aranzadi (2007).

Kevin Fandl, Narrowing the Gap: Legal English for the New International Legal Practitioner, available as an eBook or for purchase on Amazon.com.

"Derecho para Universitarios". Eduardo Valpuesta. Ediciones Eunate.

Código de Comercio y otras normas mercantiles. Editorial Aranzadi.



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Memento de Sociedades. Editorial Francis Lefebvre.

Material complementario de ADI.

Y como lugar web de consulta sobre legislación se recomienda:

noticiasjuridicas.com.

Office hours

El horario de atención de Ignacio Íñigo será los martes antes de clase de 17:00 a 18:00 horas, pero además de cara al caso práctico se irán habilitando horarios cada semana para asesorar sobre el mismo. Se irá anunciando mediante Adi y se irán adjudicando los horarios conforme los vayan solicitando los grupos. Además si alguien necesita quedar en otro horario no duden en ponerse en contacto con el profesor ya sea personalmente o via mail.

El despacho del profesor es el 3060 del Edificio Amigos. Tercer piso de la torre.

Office hours for Scott Wishart: Wednesdays, 10:30 am - 12:45 pm, (Of. 1650, Edificio Bibliotecas) and by appointment via email (swishart@unav.es).



Universidad
de Navarra

**Asignatura: Key Issues in the Contemporary World I
(F.Económicas)**

Guía Docente

Curso académico: 2014-15

Introduction

<http://www.unav.es/asignatura/world1econom/>

Key Issues in the Contemporary World I (F.Económicas)

Description of the course

The course Key Issues in the Contemporary World I tries to offer a vision of the thought in the 20th century from three perspectives: historical, philosophical and cultural. This approximation to the reality of the contemporary world will facilitate a deepening in the knowledge and the indispensable analysis of the historical situations to carry out a suitable reflection in the area of the economy.

General information

-
- Obligatory subject of 4,5 ECTS
-
- 1^o year, 1^o semester
-
- It will be given in English and in Spanish
-
- The first day of class: 3.09.2014
-
- Last day of class: 26.11.2014
-
- Schedule of classes: on Wednesday of 16:00 to 19:00, Classroom 5 Friends Building
-
- Professor: [Ricardo Piñero Moral](mailto:rpmoral@unav.es) (rpmoral@unav.es)
-



Competences

Competences

Procedures.

- Analysis of the human problems that give place to the economic approach.
- Study how the economic concepts are related by the philosophical ones.
- Reading and critique of the classic texts that they have contributed to the development of the both economic and philosophical thought.
- Evaluation of the sense of the economic rationality in the context of the ideas on the society, the history, and the end of the man.

Attitudes.

- Reflective attitude and critical appropriation of the different economic and social theories.
- Capture of conscience of the anthropologic sense of the economic problem.
- Interest for the sociocultural problems to whom response tries to give the Economy.
- Respect and valuation of the human dignity and of the anthropologic sense of the work.
- Worry for more weak persons, poor and helpless.
- Development of the dialog, comprehension of the sense of the justice and promotion of the attitude of service to the neighbor.

Aims

The principal aim:

To achieve that the students understand the deep sense of the economic problem, that is to say that know the conceptions of the man, of the world and of the history that sublie in each of the economic theories. It is a question that can connect the different approaches of the economic theories with the diverse philosophical currents.

Secondary aims:

- To facilitate the comprehension of the current debate on the crisis of the Economic Theories. To provide with a few bases that allow to elaborate criteria solidly founded at the moment of facing something so complex as is the economic dimension of the human action.
- To learn to analyze the intrinsic relation of the Economy with the Anthropology, the Philosophy, the Politics and the Law.



- To create habits of philosophical valuation of the diverse economic policies.
- To develop the skill to take part in theoretical and practical dialogs on the foundations of the human action and his relation with the economic solutions.

Results of Learning

That the student is capable of exposing the conceptual contents of the program, establishing relations between them and issuing critical reasons, in essays.

Programme

HISTORICAL PART: The Great Theatre of the World

Chapter 1. From the Revolutions of the past up to a new Age: historical keys of the different revolutions from the 18th century up to the 20th century.

Chapter 2. *De bello in terris*: a world without peace. From the World Wars to the Cold War: new political and socioeconomic factors.

Chapter 3. The Fall of Berlin wall: geopolitical reunifications, the phenomenon of the internationalization and the globalization.

PHILOSOPHICAL PART: From *cogito ergo sum* to I exist, then it should think, act and be happy

Chapter 4. To doubt or not to doubt, that is the question: the Rationalism.

Chapter 5. If I do not see it I do not believe it: the Empiricism.

Chapter 6. Phenomena, noumena and other avatars of the reason: the critical philosophy of the Illustration.

Chapter 7. In way to the Absolute thing: the Idealism.

Chapter 8. The disillusioned individual: the drifts of the hopelessness: Nihilism and Existentialism.

CULTURAL PART: From the *homo oeconomicus* to the *cultura animi*...

Chapter 9. The Illustration and the Romanticism: the birth of the Philosophical Aesthetics.

Chapter 10. Aesthetic approach of the politics of Weimar: Dadaism and Bauhaus.

Chapter 11. From the trestles to the machines: the Constructivism.

Chapter 12. Labyrinths or sphinxes: from the imagination to the abstraction.

Educational activities



When finishes each of three blocks in which the Program of the subject is divided, the students will carry out a series of practical tasks (comments of text, viewed of audio-visual material, accomplishment of some brief essay ...) that allow to internalize with major depth the contents and they will have to exhibit and debate in class on his proposals and conclusions.

Assessment

After explains each of three parts, the students who should have been present regularly at class, if they wish it, can take part in a joint session of evaluation for debate among them, in groups of 10, where they will be had in it counts so much his questions and answers.

Those who thus overcome three parts will receive as final note the average of these evaluations. If they have not overcome any of them or want to improve the notes they can then examine of these parts in the final examination that will be in writing.

Who for the reasons that are (participation in the IESE, exchanges, There programmes Erasmus, practices, trips to labor interviews, etc.) they cannot be present regularly at class they will have to come to the final examination.

Educational activities: 35 %

Final Exam: 65 %

Bibliography and Resources

In class, on having begun every topic there will be facilitated to the students a basic and specific bibliography for this part of the program.

In addition the students will have to realize a brief work on one of the following works:

- Kearny, Richard (1995) *States of Mind*, Manchester University Press.
- Gombrich, E. H. (1991) *Topics of our Time*, Phaidon Press Limited.
- Howard, M. & Louis, R. (1998) *The Oxford History of the Twentieth Century*, Oxford University Press.
- Thompson, Don (2008) *The \$12 Million Stuffed Shark: The Curious Economics of Contemporary Art*, Aurum Press Ltd.

Office hours

Wednesday from 9:00 to 11:00

Friends Building Office 2490

Also there will be attended the students who request previous appointment in another moment by the e-mail: rpmoral@unav.es



Universidad
de Navarra

**Asignatura: Key Issues in the Contemporary World II
(F.Económicas)**

Guía Docente

Curso académico: 2014-15

Presentation

<http://www.unav.es/asignatura/world2econom/>

Political Science and Government

The objective of this course is to offer students the basic analytical framework to analyze different political cultures, social structures, democracy, and institutions. These outlines are then applied to understand the principal differences between democracy and authoritarian forms of government, differences and similarities among various democratic forms of government, the internal processes of democratic decision-making, and the principle lines of global conflict. We will use theoretical arguments and a wide range of case studies to address the related questions: Why are some countries democratic and others not? How does democracy affect political conflict and economic development? Why do some countries centralize power while others threaten to fall apart through secession and civil war? We will use examples from a wide range of countries including Spain, Germany, Iraq, and the United States. The lessons drawn from these countries will prepare you to analyze other countries of your own in a paper assignment. The course has two goals: (1) to guide students to analyze and compare complex political processes through frequent reading and discussion, and (2) to serve as an introduction to and foundation for advanced study in political science and related social sciences. At the end of the course, you should be able to analyze political events around the world, drawing on the theoretical explanations provided in class.

Basic information

Class: Key Issues II: Political Science and Government

Class Hours: 17:00-19:00

Aula: Edificio Amigos, Aula 7

Credits: 3 ECTS

Professor: Martin Rode (martinrode@unav.es)



Office: 2070 (2nd floor, hilera, Edificio Amigos)

Office Hours: Tuesday 10:00-12:00, (or make an appointment by email)

Program

Chapter 1: Politics as a Science

Chapter 2: Modern Political Ideologies

Chapter 3: The Modern State

Chapter 4: Authoritarianism and Democracy

Chapter 5: Constitutions

Chapter 6: Elections

Chapter 7: Parties

Chapter 8: International Politics

Competences

Competences of the degree

- Development of logical reasoning in politics.
- Capacity to analyze and synthesize issues in political science and government.

Competences of the subject

- Acquire theoretical and applied knowledge of basic methods and concepts in political science analysis.
- General knowledge of how democracies and autocracies work, given their structure.
- Basic knowledge about the role of government in a modern state.
- Understand a set of basic concepts in political theory.
- Carry out political analysis in a rigorous way.
- Discuss and develop real world examples.

Learning results

- The student passes the final exam in which the subjects' contents are evaluated.
- The student is capable of applying theoretical reasoning in a paper that analyzes a topic of his interest.

Important Dates

Final Exam: 16.05



Essay hand-in: anytime before 10.05

Evaluation, Methodology, Bibliography

1. Evaluation

- Ordinary examination
 - Final exam: 50%
 - Essay: 40%
 - Continuous evaluation: 10% *contribution in class**
 - **Contribution in class* is evaluated with 1 point towards the final mark for students that actively participate in debates.
 - The essay is to be written on a topic chosen by the student with a maximum of 5.000 words. A list of topics will be made available and it must employ the analytical tools or concepts explained in class. The ethical standards of a scientific working style apply.
 - [Citation styles for papers](#)
 - The exam is based on the theoretical lectures.

2. Methodology

- Theoretical classes are imparted and compulsory. Students should prepare the assigned texts and discuss them in class. This is a substantial part of the "contribution in class grade" you will receive.

3. Bibliography

Shively, Phillips (2013) *Power and Choice*, McGraw Hill, 13th edition.

[Find this book at the Library](#)

Other Bibliography: TBA



**Asignatura: Political Communication and New Media
(F.Económicas)**

Guía Docente

Curso académico: 2014-15

Objetivos

Political Communication and New Media (F.Económicas)

OBJETIVOS

- Comprender el impacto que las nuevas tecnologías tienen sobre la comunicación.
- Conocer las consecuencias de esta transformación profunda: las nuevas reglas de la comunicación

CONTENIDOS

- La comunicación digital y sus condicionantes antropológicos.
- Implicaciones sociales de la comunicación digital
- Las reglas de la comunicación digital.

RESULTADOS DE APRENDIZAJE

- Sentar las bases de la comunicación online
- Aplicación práctica a la comunicación pública, los partidos políticos y las campañas electorales.

Programa

INTRODUCCIÓN

1

- El impacto de los nuevos medios y sus implicaciones antropológicas:
 - El homovidens
 - El homodigital y la Generación de los Milenials.

2

La comunicación y las formas del poder: ejercito, territorio, prestigio... (soft power: el poder transversal)

La Sociedad en red: transparencia, colaboración y participación.

Nuevos protagonistas de la democracia: Ciudadanos, Ongs, empresas, asociaciones, multinacionales, multilaterales, fundaciones, think tanks... y otros "grupos de presión".



Nuevas estructuras de poder: La integración de instituciones no gubernamentales en los organismos de gobierno nacionales e internacionales

Nuevas estructuras sociales (la opinión pública y el poder del ciudadano)

3

Los fundamentos de la opinión pública.

Formación, funciones y manifestación de la opinión pública.

La teoría de los efectos limitados.

La vuelta al concepto de “medios poderosos”

4

La campaña de comunicación

5

La comunicación de gobierno

La comunicación de los países: diplomacia pública.

La movilización social

El lobby o la comunicación pública de las empresas



Universidad
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Asignatura: Principles of Microeconomics C (F. ECONÓMICAS)

Guía Docente

Curso académico: 2014-15

Introduction

<http://www.unav.es/asignatura/pmicroeconomCeconom/>

Principles of Microeconomics C (F. ECONÓMICAS)

“Principles of Microeconomics” is your first contact with economic theory. Therefore, it forms the basis on which your future studies of Microeconomics, and to a lesser extent of Macroeconomics build. In this course you will understand how economists perceive and study the reality that surrounds them. In particular, you will study in a rigorous and mathematical way the decisions taken by individuals and the interaction of individuals and firms in markets.

6 ECTS (European Credit Transfer System)

This is a first year course given in the first semester. It is compulsory for all students of Economics, Management and Governance.

Professor and Office Hours

Responsible Professor: Markus Kinateder (mkinateder@unav.es)

Office: 2550 (2nd floor, tower, Amigos Building)

Office Hours: Tuesday 14:15-15:45, Wednesday 14:15-15:45

Teaching Assistant: Enrique Cristóbal (ecristobal@unav.es)

Office: 4070 (4th floor, tower Amigos Building)

Office Hours: Monday 15:00-16:00 and upon appointment by email

Programme

I. Introduction: ¿How do economists think?

Chapter 1: Economic principles **Ch1**



Chapter 2: Think like an economist **Ch1**

II. Working of Markets: Demand, supply, prices, elasticity, market failure, government intervention, taxes, welfare.

Chapter 3: Demand, supply and prices **Ch2**

Chapter 4: Elasticity **Ch4, pg. 111-120**

Chapter 5: Economic regulation **Appendix 2, pg. 47-52**

Chapter 6: Market and economic welfare **Ch5, pg. 144-147**

Chapter 7: Market Failure **Ch16, 17**

III. Consumer Theory: consumer choice, utility, budget constraint.

Chapter 8: Consumer Theory **Ch3, 4 (Ch7, 8 for deeper understanding and criticism)**

IV. Producer Theory: Production, perfectly competitive firm, monopoly, oligopoly (and basic introduction to Game Theory).

Chapter 9: Cost function **Ch9, 10**

Chapter 10: Perfectly competitive markets **Ch11**

Chapter 11: Monopoly **Ch12**

Chapter 12: Oligopoly **Ch13, pg. 414-433**

Note: The literature references refer to the Frank book.

Competences

Competences of the Degree

- Development of logical reasoning.
- Capacity to analyze and synthesize the proposed problems.

Competences of the Subject

The student should ...

- Understand and develop fundamental economic problems from a microeconomic point of view.
- Acquire theoretical and applied knowledge of concepts and basic methods in economic analysis.
- General knowledge of how markets work given their structure.
- Basic knowledge about the role of the public sector in an economy.
- Understand a set of basic concepts in Economic Theory.



- Carry out economic analysis in a rigorous way.
- Discuss and develop real world examples.
- Use graphical and mathematical methods in order to analyze economic problems.

Learning Results

- The student passes the final, the mid-term and the mini-exams in which the subjects' contents are evaluated.
- The student is capable of translating written exercises into mathematical problems and solving them by developing basic abstract thinking.

Important Dates

All students:

Partial Exam: 8.10., 10:30-11:30, Aula 12

Final Exam: 1.12., 16:00-17:30, Aula 15

Final Re-Take Exam: 8.6.2015, 10:30-12:00

Management Group (IDM):

Miniexam 1: 27.10.

Miniexam 2: 17.11.

Econ&Governance Group (IDEG):

Miniexam 1: 27.10.

Miniexam 2: 17.11.

Classes:

IDM Monday 18:00-20:00 & Wednesday 16:00-18:00 (Aula 2)

IDEG Monday 16:00-18:00 & Tuesday 16:00-18:00 (Aula 5)



THEORETICAL Classes, Management Group (IDM):

September 3, 8, 10, 17 and 24

October 1, 6, 15, 22 and 29

November 5, 12, 19 and a question session on 26.11.

PRACTICAL Classes, Management Group (IDM):

September 15, 22 and 29

October 20

November 3, 10 and 24

THEORETICAL Classes, Econ&Governance Group (IDEG):

September 2, 8, 9, 16, 23 and 30

October 6, 14, 21 and 28

November 4, 11, 18 and a question session on 25.11.

PRACTICAL Classes, Econ&Governance Group (IDEG):

September 15, 22 and 29

October 20

November 3, 10 and 24

Assessment, Educational Activities, Bibliography

Evaluation (mark out of 10)

- Ordinary examination date:

Final exam: 50%

Partial exam: 30%

Continuous evaluation: 20% mini-exams and *contribution in class**

- Extraordinary examination date:



Final exam: 60%

Partial exam: 30%

Continuous evaluation: 10% mini-exams and *contribution in class**

- Two mini-exams, partial and final exam: see “important dates” in ADI.
- **Contribution in class*: the best around 5 students in each group receive a bonus of 0.5 points towards the final mark. A student qualifies for this bonus based on contribution in class and on Problem Set exercises elaborated at home.
- The final exam consists of two parts: the first and longer one contains questions that mainly require mathematical or graphical solutions. In the second part, each student chooses one of two essay questions. There is a maximum number of words for the essay and it is only corrected if the student obtains at least 50% of points in the first part. Otherwise, the student fails the exam with the points obtained in the first part.
- The mid-term and a mini-exam are similar to the final exam but shorter.
- The exams are based on problem sets *two to five* which the student is elaborating by himself during the semester. In ADI, a student can find copies of last year’s final and mid-term exam. However, solutions will not be provided in ADI.
- Problem Sets, the mini and partial exams are solved in practical classes.
- The duration of the final exam is 90 minutes and that of the mid-term exam 60 minutes.

Methodology

Theoretical and practical classes are imparted and are compulsory. The students attend and actively participate in theoretical classes. The students prepare problem sets and solve them in practical classes. This is part of the contribution in class grade they receive. An exhaustive timetable scheduling both types of classes is available in the link "Cronograma - Timetable" and "Important Dates".

Recommended Bibliography

Frank, Robert (2010) *Microeconomics and Behavior*, McGraw Hill, 8th edition.

[Find this book in the library](#)

Other Bibliography



Bernanke, Ben and Robert Frank (2008) *Principles of Economics*. McGraw Hill, 4th edition.

Varian, Hal R. (2002) *Intermediate Microeconomics*, W. W. Norton & Company, 6th edition.

Cronograma - Timetable of Educational Activities

															STU DEN T
		Lect ure Hrs.	Cha pter	Prob lem Set Hrs.	Activ ity	Stud y Hrs.	Prep arati on Hrs.								
						(theo ry)	(PS/ Exa ms)								
	Week 1	4	1; 2	0		3									7
	Week 2	4	3; 4	0		3	PS 1	3							10
	Week 3	2	4; 5	2	PS 1	3	PS 1; 2	3							10
	Week 4	2	5; 6	2	PS 2	3	PS 2	3							10
	Week 5	Mini ex 1	4	7; 8	0			3	PS 3	3					10
	Week 6	2	8	2	PS 2; 3	3	PS 3	5							12
	Week 7	0		2	Ques tions Parti al	3	Parti al Exa m	5							10
		Parti al Exa m	2												2
	Week 8	4	8	0		3	PS 4	3							10
	Week 9	2	9	2	PS 4 & Parti al	3	PS 4	3							10
	Week 10	2	9;10	2	PS 4	3	PS 5	3							10



Asignatura: Calculus II C (F. ECONÓMICAS)

Guía Docente

Curso académico: 2014-15

Introduction

<http://www.unav.es/asignatura/calculus2Ceconom/>

Calculus II C (F. ECONÓMICAS)

Course description: The aim of this course is to provide the basic tools of *optimization and functions of many variables* which are necessary to succeed in the following courses that are taking part in the degrees of Economics, Management and Business Administration.

Department: Economics

School: Economics and Business

Degrees: IDE and Governance

Year: 1st

Semester: 2nd

ECTS credits: 6 (approximately 150 working hours)

Type: compulsory

Language: English

Instructors: GOV/IDE

- Chandresh Thakrar (cthakrar@unav.es) office 2300 (2nd Floor Hilera)

-

Course schedule and room:

- Thursdays : 16:00 to 18:00 (Room 07)
- Fridays : 15:00 to 17:00 (Room 07)

Competences

Competences of the course

1. Knowledge

Students following this course will attain the following expertise:

- To be able to analyze functions of many variables.



- To be able to solve single variable optimization.
- To be able to solve multiple and constrained optimization.

2. Skills and attitudes

Students must be able to:

- Examine and solve problems by using the most suitable mathematical tool from the available sources.
- Develop the critical capacity over the obtained results so as to discern which of them are useful in an economic and business framework, and as the basis of a decision-making process.
- Use the modern mathematical language considering that interdisciplinary team work involves the interaction between different types of professionals such as economists, mathematicians, software engineers...
- Learn how to manage work in teams.

3. Learning outcomes

At the end of this semester, students should have gained the proper knowledge, skills and attitudes that are expected from this course. The achievement of these targets will be assessed with different exams and tests.

Competences of the degree

The general or transverse competences that are developed throughout this course are the following:

Transverse competences:

1. Development of logical thinking skills.
2. Capacity for analysis and synthesis when addressing problems.
3. Sense of responsibility and effort.
4. Ability to work in a team.
5. Planning tasks and time management.
6. Capacity to learn on ones own.

The course of Calculus II is part of Module IV: Quantitative Methods for Economics for the Degree in Economics. With regard to the characteristic competences that must be acquired with the subjects in this module, the course of Calculus II achieves the following:

Specific competences for the Degree in Economics:

1. Implementing mathematical reasoning and quantitative tools to the analysis of the current state of the economy.

This competence *is divided into two* of the specific competences of Module IV:



- To know, comprehend and use mathematical reasoning.
- To delve into the knowledge of quantitative methods for the economics analysis.

At the same time, the course of Calculus II belongs to Module IV: Quantitative Methods for Business for the Degree in Business Administration. The course of Calculus II as a part of this module achieves the following competence:

Specific competences for the Degree in Business Administration:

1. Implementing mathematical reasoning and quantitative tools to problem solving associated to the decision-making process in the business administration.

This competence *is divided into two* of the specific competences of Module IV:

- To know, comprehend and use mathematical reasoning.
- To know how to implement quantitative tools to the problem solving process involved in the business field.

Program

1-. Functions of many variables. [Chapter 11]. Functions of two variables. Partial derivatives with two variables. Functions of more variables. Partial derivatives with more variables. Partial Elasticities. Economic examples and applications. [1.5 weeks].

2-. Tools for comparative statics. [Chapter 12]. A simple chain rule. Chain rules for many variables. Implicit differentiation along a level curve. More general cases. Homogeneous functions of two variables. Homogeneous and homothetic functions. Linear approximations. Differentials. Economic examples and applications. [3 weeks].

3-. Multiple optimization. [Chapter 13]. Two variables: necessary conditions. Two variables: sufficient conditions. Local extreme points. Linear models with quadratic objectives. The extreme value theorem. Three or more variables. Comparative statics and the envelope theorem. Economic examples and applications. [3 weeks].

4-. Constrained optimization. [Chapter 14]. The Lagrange multiplier method. Interpreting the Lagrange multiplier. Why the Lagrange methods Works. Sufficient conditions. Additional variables and constraints. Comparative statics. Non-linear programming: A simple case. Multivariate inequality constraints. Nonnegativity constraints. Economic examples and applications. [2 weeks].

5-. Difference Equations. First-order difference equations. Stationary States and stability. Linear equations with variable coefficients. Equations of second order. Equations of second order with coefficients.[2 weeks]

6-. Differential Equations. Differential equations of the first order. Qualitative theory of differential equations. Variables separable differential equations. First order linear differential equations. Qualitative theory and stability. Differential equations of second order. Equations of second order with coefficients constants.[2 weeks]

Assessment

Assessment for Calculus II



The final mark of this course will be the average weight of the following:

- Mid-term exam 120 mins: 20% Date: March 4th, 2015 Time/Aula: TBA
- Final exam 120mins: 60% Date: May 12th, 2015 Time/Aula: TBA
- Surprise tests x5* (15 mins each):20% Dates: Determined by the professor on ad-hoc basis

* **The 20% assessment for the surprise tests is based on the best 4 scores out of 5.**

You must pass the final exam in May with a minimum score of 5/10 in order to pass the Calculus II course.

Educational activities

The course includes different face-to-face and non face-to-face activities.

Classes of the Calculus II course will include theoretical and practical sessions, problem-solving sessions where particular applications to Economics and Business will be discussed.

Each week students will be given a set of problems to solve and reinforce the topics that have been learned. One class per week will be devoted to discuss these exercises.

Apart from a mid-term and a final exam, several surprise tests will be held.

Face-to-face activities:

1. Theoretical/practical classes: 36 hours.
2. Problem solving classes. Each week a problem set will be assigned and some problems will be discussed in class: 24 hours.
3. Exams. Mid-term and Final exams: Total of 4 hours.

Non face-to-face activities:

1. Personal solving problems: 46 hours.
2. Personal study: 40 hours (there will be support groups for 24 out of these 40 hours).

Total face-to-face activities: 64 hours.

Total non face-to-face activities: 86 hours.

Methodology

The course includes different face-to-face and non face-to-face activities.

Due to the heterogeneity of the students' mathematical levels (either coming from sciences or from humanities) and aiming to ease the learning process of this course, a test will be held on **Tuesday, the 2nd of September** to assess the precalculus level of each student. Those students who had not passed this test (marks less than 6) will have to attend compulsorily support classes focused on those topics that had not been properly understood before, either because they had not been studied or because they had not been learned deeply enough. Students that had passed this initial test will have non-



compulsory support classes. Nevertheless a bonus of 5% of the final mark will be given to those students attending support classes or to those that had passed the initial test. More information about these support classes will be given further on.

Classes of the Calculus I course will include theoretical and practical sessions, problem-solving sessions, computer laboratory sessions and seminars where particular applications to Economics and Business will be discussed.

Each week students will be given a set of problems to solve and reinforce the topics that have been learned. One class per week will be devoted to discuss these exercises.

Apart from a midterm and a final exam, several surprise tests will be held. Dates for the midterm and final exams will be fixed by the faculty and will be published in due course.

Support classes

- They will consist of two weekly hours (in small groups) where those problems that have been assigned the previous week will be discussed. Sets of problems will be available on the web.
- The distribution of groups will be published at the end of the first week of classes.
- From October onwards, the precalculus classes will be focused on the reinforcement of the units being taught throughout the Calculus I course.
- The first week of October an optional test will be held. Those students that successfully complete this test may stop attending the support classes. However, if they wish they can continue attending these classes in order to foster those notions being learned in classes. We would like to emphasize that this test is non-compulsory.
- The 5% bonus requires no more than 2 absences to the support classes which must be properly justified (in case of illness a medical certificate must be provided).

Bibliography and Resources

[Find these books at the library](#)

- Sydsaeter, K., Hammond. (2008). *Essential Mathematics for Economic Analysis*. 3rd Edition. Pearson.
-

Office hours

- Chandresh Thakrar: Mondays and Wednesdays 10am-11am: Office 2300 (2nd Floor Hilera) Amigos Building.
- Elena Aguiluz: Tuesdays 17:30 to 19:30 : Office 2300 (2nd Floor Hilera) Amigos Building.



Universidad
de Navarra

Asignatura: Álgebra D (F. ECONÓMICAS)

Guía Docente

Curso académico: 2014-15

Presentation

<http://www.unav.es/asignatura/algebraDeconom/>

Álgebra D (F. ECONÓMICAS)

Algebra enhances the capacity for analysis and synthesis. Helps speed the reasoning and facilitate abstract thinking.

As for inclusion in Business Administration/Economics studies is essential for quantitative modeling of economic reality, and it can solve complex problems with many variables (impossible to synthesize intuitively).

To achieve these objectives usual topics are thoroughly discussed in mathematics, such as linear programming, matrices and determinants, systems of linear equations, matrix and systems of equations for economic applications and graphs and networks.

Department: Economics.

Faculty: Economics and Business.

Degrees: IDE, IDM, GEL, GML, Leadership and Governance

Year: 1st

Organization: Second semester, from January to May

ECTS credits: 6 (150 hours)

Type of course: Basic

Language: English and spanish



Professors IDE/IDM/GEL/GML/GOV: Victoria Rodríguez Chacón, vrodriguez@unav.es and Ignacio Rodríguez Carreño, icrodriguez@unav.es

Competences

Competences of the Subject

- Know, understand and use mathematical reasoning.
- Structuring the mind, facilitate abstract thinking and the ability to inter.
- Attitude of rigorous mathematical approaches to hypothesis and proofs, typical of logical reasoning.
- Assimilate fluently the main concepts of algebra: matrices, determinants, systems of linear equations, graphs and networks
- Acquire a solid foundation of mathematical concepts of algebra to help you interpret and understand their applications in economics and business administration.

Competences of the degree

- Development of logical reasoning.
- Ability to analyze and synthesize the proposed problems.
- Ability to learn independently.
- Sense of responsibility and effort.

Program

Chapter 1: Linear Programming

Problema de programación lineal. Región factible. Función objetivo. Planteamiento de las restricciones. El modelo matemático. Solución gráfica. Solución con Excel

Chapter 2: Introduction to Algebra. Basic concepts

Principles of logic. Proposition. Theorem. Induction. Reductio ad absurdum. Set Definition. Numerical sets. Cartesian product. Application

Chapter 3: Matrices, Determinants and Linear systems of equations

Matrix definition. Operation with matrices: add and product. Different classes: row matrix, column matrix, square matrix, diagonal matrix, scalar matrix, identity matrix, symmetric matrix, skew symmetric matrix, transpose matrix. Determinant definition. Sarrus law. Properties. How to calculate a determinant. Rank. Inverse matrix definition. Properties. Equivalent matrix. Similar matrix. Definition of a linear system of equations. Solution of a complete system. Solution of a homogeneous system. Resolution methods. Systems discussion, Rouché-Frobenius theorem.

Chapter 4: Matrices' and linear systems of equations' applications

Equilibrium in a two goods market. Equilibrium of the national income. Leontief's input-output model. Electoral forecast. Conditions of equilibrium in population migration



Chapter 5: Graphs and networks

Introduction. Aims. Definition and properties: graphs and networks, network size, degree of a node and network density. Accessibility, network distances, cycle paths and walkways. Centrality and power. Degree centrality. Closeness centrality. Degree centrality. Betweenness centrality. Eigenvector and eigenvalues. Eigenvector centrality. Dynamic networks. Economic networks.

Educational activities

In this section the overall methodology of the subject is detailed and hours of student workload are estimated.

There will be classroom activities and non-face activities:

1. Classroom activities (54 total hours). In this section the lectures to be given in large groups, the practical classes of problems, the hours devoted to the presentation of work, hours of examination, class test hours and hours of practice encompass computer.

a) Lectures. In 26 lessons of 1 hour, the most important points of each topic of the course will be presented by the teacher. Theory of the subject with examples and economic applications will be discussed.

b) Practical classes. In 18 1 hour classes key and difficult problems are solved.

c) Presentation of work. Throughout the course there will be one or two jobs in the study group consisting of a case study related to the theory of the subject. These works will be presented to the teacher for evaluation.

d) Exams. In total throughout the course, there will be 6 hours of written examination.

e) Computer practices. There will be 2 computer lab sessions of 2 hours each.

2. Non face activities (96 hours). The main activity will be personal study of the subject. The number of estimated hours are 96.

Assesment

Ordinary evaluation:

1. Continuous evaluation: 20%.

a) Attendance and participation in class (5%).

b) Computer practices and exercises (5%)

c) Oral work presentations (10%)

2. LP exam: 15%.



3. Midterm exam: 20%. 3 hours. 8th week

4. Final exam: 50%. 3 hours. The student will have to get at least a 4 in this exam.

Extra-ordinary evaluation:

In case the student do not pass the subject in the ordinary evaluation, he/she will have to go to the extraordinary evaluation. The final exam will be 70 %, and the rest of the grade will be given by its work during the course (attendance and participation 5%, computer practices and exercises 5% and oral work presentations 5%, LP exam 7,5% and midterm exam 7,5%).

Office hours

Professor Victoria Rodríguez Chacón, vrodriguez@unav.es: Monday from 11:00 to 13:00 and from 18:00 h. to 19:00 h. Office 3080.

Professor Ignacio Rodríguez Carreño, irodriguez@unav.es: Monday from 10:00 to 11:30 and from 17:00 to 18:30 h. Office 2080.

Professor María Castillo Latorre, mclatorre@unav.es: Tuesday from 16:30 to 18:00 h. and Thursday from 10:00 to 11:30 h. Office 2280.

Bibliography and Resources

- *Matemáticas para la Economía. Álgebra Lineal y Cálculo Diferencial*. Gloria Jarne, Isabel Pérez-Grasa, Esperanza Minguillón. Ed. McGraw Hill.
- *Matemáticas para la Economía. Libro de Ejercicios. Álgebra Lineal y Cálculo Diferencial*. Gloria Jarne, Isabel Pérez-Grasa, Esperanza Minguillón. Ed. McGraw Hill.
- *Matemáticas en los estudios de Economía y Gestión de Empresas: ¿por qué?, ¿para qué?, ¿cuáles?, ¿son posibles?* J. Antomil, M. Arenas, A. Bilbao, P. Gladish, M Rodríguez Uría. Universidad de Oviedo.
- *Social and Economic Networks*. Matthew O. Jackson. Princeton University Press.

[Localiza estos libros en la Biblioteca](#)



Universidad
de Navarra

Asignatura: Principles of Macroeconomics C (F. ECONÓMICAS)

Guía Docente

Curso académico: 2014-15

Introduction

<http://www.unav.es/asignatura/pmacroeconomCeconom/>

Principles of Macroeconomics C (F. ECONÓMICAS)

Department: Economics

Degree: IDE, Governance degree Bilingue

Subject: Principles of Macroeconomics (6 ECTS)

Instructor: Mirko Abbritti (mabbritti@unav.es)

Teaching Assistant: Asier Aguilera (asieraguilera@gmail.com)

Competences

The objective of the course is to introduce the basic concepts and tools used in macroeconomic analysis. In this course the student will learn how to use and compare different economic models to analyse and understand current economic issues. The course studies the functioning of the aggregate economy both in the long run and in the short run, and covers many of the issues that dominate the theoretical and political debate: unemployment, inflation, growth, etc.

Competencias:

Desarrollo del razonamiento lógico

Capacidad de análisis y síntesis de las problemáticas abordadas

Conocer en profundidad los conceptos y métodos fundamentales de la Teoría Económica.

Aplicar las herramientas de la Teoría Económica al análisis y discusión de situaciones reales.

Llegar a conclusiones de carácter normativo, relevantes para la política económica, a partir de los



conocimientos positivos.

Hacerse con conceptos, teorías y modelos que permitan formarse opiniones rigurosas sobre la realidad del entorno económico global.

Assessment

The final grade for the course is calculated on the basis of

- Two one-hour partial exams (20% of the grade)
- A two-hours midterm exam (30%)
- A two-hours final exam (50%)
- Bonus point: class participation (10%)

The grade of the retake exam is calculated as follows:

- Class participaton and partial tests: 30%
- Retake-exam: 70%.

Office Hours

Office Hours Mirko Abbritti: Tuesday 10-12 or by appointment.

Office hours Asier Aguilera: by appointment.

Educational activities

The course has both theoretical and practical sessions. In the practical sessions the students will review some of the material and will learn how to solve, with the help of the teaching assistant, theoretical, numerical and practical exercises.

Program

Part 1: Introduction

Part 2: The Data in Macroeconomics

1. Measuring a Nation's Income

- The Economy's Income and Expenditure
- How to Measure Gross Domestic product (GDP)
- The Components of GDP



- Real versus Nominal variables

2. Measuring the Cost of Living

- The Consumer Price Index
- Inflation

Part 3: The Real Economy in the Long-Run

4. Production and Growth

- Economic Growth around the World
- Productivity: Role and Determinants
- How to Foster Economic Growth

5. The Financial System

- Financial Institutions
- Saving and Investment in the National Accounts
- The Basic Tools of Finance

6. Unemployment

- How to Measure Unemployment?
- Why is there Unemployment?
- Alternative Theories



Part 4: Money and Prices in the Long-Run

7. The Monetary System

- What is Money?
- Central Banks, Commercial Banks and Monetary Policy

8. Inflation: Causes and Costs

- What Causes Inflation: the Classical Theory of Inflation
- Costs and Benefits of Inflation

Part 5: The Macroeconomics of Open Economies

9. Open Economy Macroeconomics

- The International Flows of Goods and Capital
- The Prices for International Transactions: Real and Nominal Exchange Rates
- Theories of Exchange Rate Determination

Part 6: Short Run Economic Fluctuations

10. Aggregate Demand and Supply

- Key Facts about Economic Fluctuations
- Explaining Short-Run Economic Fluctuations
- The Aggregate Demand Curve



- The Aggregate Supply Curve
- What Causes Recessions?

11. Influence of Economic Policy on Aggregate Demand

- Monetary Policy
- Fiscal Policy

12. The Short-Run Trade-off between Inflation and Unemployment: The Phillips Curve

- The Phillips Curve
- The Role of Expectations
- The Role of Supply Shocks
- The Cost of Reducing Inflation

Bibliography and Resources

Main Reference:

Mankiw, G. and Taylor, M.P: Economics, Cengage Learning, 2nd edition

- [Find this book in the library](#)

Complementary References:

Krugman, P. and Wells, R.: Macroeconomics, Worth Publishers, 3rd edition.

Bernanke, B. and Frank, R: Principles of Economics, McGraw-Hill, 3rd edition

Contenidos