

COURSE SYLLABUS

Academic Year: 2020/2021

Identification and characteristics of the course			
Code	500432-EN	ECTS Credits	6
Course title (English)	Macroeconomics III		
Course title (Spanish)	Macroeconomía III		
Degree programs	Degree in Economics / Double Degree in Business Administration and Economics		
Faculty/School	Facultad de Ciencias Económicas y Empresariales		
Semester	6th / 8th	Course type (compulsory/optional)	Compulsory
Module	Economic Analysis		
Subject matter	Macroeconomics		
Lecturer/s			
Name	Room	E-mail	Web page
Francisco Javier De Miguel Vélez	68	demiguel@unex.es	
Subject Area	Fundamentals of Economic Analysis		
Department	Economics		
Coordinator (Only if there is more than one lecturer)	Francisco Javier De Miguel Vélez		

Competencies*
CB1: That students have demonstrated knowledge and understanding in an area of study based on the general secondary education, and is often at a level that, while supported by advanced textbooks, also includes some aspects that involve knowledge from the cutting edge of their field of study.
CB2: That students know how to apply their knowledge to their work or vocation in a professional way and possess the skills that are usually demonstrated through the elaboration and defence of arguments and the resolution of problems within their area of study.
CB3: That students have the ability to gather and interpret relevant data (usually within their area of study) to make judgments that include reflection on relevant social, scientific or ethical issues.
CB4: That students can convey information, ideas, problems and solutions to both specialized and non-specialized audiences.
CB5: That students have developed those learning skills necessary to undertake further studies with a high degree of autonomy.
CG1: Ability to identify and anticipate relevant economic problems, both in the private and public spheres, to discuss resolution alternatives and to select the most

* The sections concerning competencies, course outline, teaching activities, teaching methodology, learning outcomes and assessment methods must conform to those included in the ANECA verified document of the degree program.

appropriate ones.
CG2: Ability to bring rationality to the analysis and description of any aspect of economic reality.
CT1: Computer skills and mastery of ICT.
CT2: Oral and written communication skills in Spanish language.
CT3: Oral and written communication skills in a foreign language.
CT4: Ability to manage, analyse and synthesize information.
CT5: Ability to work in a team.
CT8: Ability to learn autonomously.
CT10: Problem solving skills.
CT12: Organizational and planning skills.
CE2: Ability to know, understand and use the principles of macroeconomics.
Contents
Course outline*
<p>The matter MACROECONOMICS develops the basic contents analysed in the subject <i>Macroeconomics</i> included in the Basic Training Module (1st course). The contents of this matter considered in this course will be the following ones:</p> <ul style="list-style-type: none"> - Economics in the long run: economic growth, labour market and unemployment, monetary economics and inflation. - Growth accounting. Solow's model. Capital accumulation. Human capital. Endogenous growth.
Course contents
<p>Title of unit 1: THE LABOUR MARKET</p> <p>Contents of unit 1: The labour market: main variables and flows. Movements in unemployment. Wage determination. Price determination. Natural rate of unemployment.</p> <p>Description of practical activities for unit 1: Resolution of questions, problems and case studies/supplementary readings.</p>
<p>Title of unit 2: PUTTING ALL MARKETS TOGETHER: THE AS (Aggregate Supply) – AD (Aggregate Demand) MODEL</p> <p>Contents of unit 2: The aggregate supply. The aggregate demand. Equilibrium in the short run and in the medium run. Effects of a monetary expansion. Effects of a fiscal contraction (decrease in the budget deficit). Effects of changes in the price of oil.</p> <p>Description of practical activities for unit 2: Resolution of questions, problems and case studies/supplementary readings.</p>
<p>Title of unit 3: THE NATURAL RATE OF UNEMPLOYMENT AND THE PHILLIPS CURVE</p> <p>Contents of unit 3: Inflation, expected inflation and unemployment. The Phillips curve: the early version. The modified Phillips curve. Back to the natural rate of unemployment. Variations in the natural rate across countries. Variations in the natural rate over time. High inflation and the Phillips curve relation. Deflation and the Phillips curve relation.</p> <p>Description of practical activities for unit 3: Resolution of questions, problems and case studies/supplementary readings.</p>

Title of unit 4: INFLATION, ACTIVITY AND NOMINAL MONEY GROWTH
Contents of unit 4: Output, unemployment and inflation: Okun's law, the Phillips curve and the aggregate demand relation. The effects of money growth: the medium run and the short run. Disinflation.

Description of practical activities for unit 4: Resolution of questions, problems and case studies/supplementary readings.

Title of unit 5: ECONOMICS IN THE LONG RUN: ECONOMIC GROWTH
Contents of unit 5: The facts of economic growth. Growth accounting. Growth theory: capital accumulation, the golden rule, population growth, technological progress. Endogenous growth.

Description of practical activities for unit 5: Resolution of questions, problems and case studies/supplementary readings.

Title of unit 6: MACROECONOMIC POLICY: FINAL COMMENTS
Contents of unit 6: Uncertainty and macroeconomic policy. Expectations and macroeconomic policy. Politics and macroeconomic policy. The optimal inflation rate.

Description of practical activities for unit 6: Resolution of questions, problems and case studies/supplementary readings.

Educational activities *								
Student workload (hours per lesson)		Lectures	Practical sessions				Monitoring activity	Homework
Lesson	Total	L	HI	LAB	COM	SEM	SGT	PS
1	17	6				2		9
2	39,25	10				4	1,25	24
3	18	6				2		10
4	19,25	6				2	1,25	10
5	39,75	10				4	1,75	24
6	15,25	5,25				1,25		8,75
Assessment **	1,5	1,5						
TOTAL ECTS	150	44,75				15,25	4,25	85,75
L: Lectures (100 students) HI: Hospital internships (7 students) LAB: Lab sessions or field practice (15 students) COM: Computer room or language laboratory practice (30 students) SEM: Problem-solving classes, seminars or case studies (40 students) SGT: Scheduled group tutorials (educational monitoring, ECTS type tutorials) PS: Personal study, individual or group work and reading of bibliography								
Teaching Methodology*								
1. Expository method that consists of the presentation by the lecturer of the contents on the subject of study. 2. Expository method that consists of the presentation by the lecturer of examples or problems and how to solve them. 3. Method based on problem posing by the lecturer and problem solving by the students based on the application of problem solving procedures.								

** Insert as many rows as necessary. For instance, you can include one row for a partial exam and another for the final exam.

4. Method based on intensive analysis of real or simulated cases in order to interpret, solve, reflect and complete knowledge.
5. Collaborative method for group work that allows to broaden and deepen theoretical knowledge by searching relevant sources of information and data and applying them.
6. Method by which the student takes a test that serves to reinforce his learning and as an evaluation tool.

Learning outcomes *

The learning outcomes take the form of knowledge and understanding of the principles of macroeconomic analysis and its use in identifying and analysing relevant economic problems related to the functioning of the economy at an aggregate level in the medium and long run.

Assessment methods *

(A) ASSESSMENT SYSTEMS

According to the regulations of the University of Extremadura (DOE Nº. 236, 12th December 2016), there are **two alternative assessment systems: (1) continuous assessment system** and **(2) assessment system with a single final exam**.

The choice between the two systems is up to the student, who must inform **in writing** of the type of evaluation chosen in the **first 3 weeks of the term**. If the student does not inform, it will be understood that he/she chooses the continuous assessment system.

Once the assessment system has been chosen, the student will not be able to modify it during the current academic course.

1) CONTINUOUS ASSESSMENT SYSTEM

This system will consist of two parts: practical activities and a final exam.

A) PRACTICAL ACTIVITIES: these will constitute **30%** of the final mark. They will may be both in-class or non-classroom activities. If a student does not carry out any of the proposed activities, his/her grade in that activity will be 0 points.

In addition, the grade of these activities will be maintained for subsequent official calls.

B) FINAL EXAM: it will represent the remaining **70%** of the final mark. This exam will cover all the content of the course. In order to pass the subject, it is compulsory to obtain a **minimum score of 4 points** in the final exam.

2) ASSESSMENT SYSTEM WITH A SINGLE FINAL EXAM

This system will consist of a single final exam, the passing of which will imply the passing of the subject. This final exam will cover all the contents of the course, including those covered in the practical activities. For this reason, it will be a different exam from the one corresponding to the continuous assessment system (although

with the same general structure).

(B) TYPE OF EXAM

For the two assessment systems mentioned above, the final exam in all calls will be made up of two parts:

- 1) A first part will include several **multiple choice questions (test)**, both theoretical and practical. It will make up **40%** of the exam grade. The test questions correctly answered will have a positive score, while those answered incorrectly will have a negative score; unanswered questions will neither add nor subtract a score.
- 2) A second part, also theoretical-practical, consisting of **theoretical questions, graphic developments and/or problem solving**. This second part will make up the remaining **60%** of the final exam grade.

(C) OTHER COMMENTS REGARDING THE ASSESSMENT CRITERIA

C.1. Spelling mistakes and deficient exposition of contents (writing errors) will be penalized.

C.2. The final mark of the subject will be between 0 and 10 points, rounded to one decimal place.

(D) EXAMS

The students only can use writing material and a calculator in the exam. Thus, it will be forbidden to use a mobile phone or any other electronic means of communication during the exam. If a phone rings or its use is detected, its owner will be immediately expelled.

Besides, the student must sit for the exam properly identified.

Bibliography (basic and complementary)

BASIC:

- **Blanchard, O. (2017): *Macroeconomics* (7th edition), Ed. Pearson.**
[previous editions of this textbook will be used in some units of the course]
- Mankiw, N.G. (2019): *Macroeconomics* (10th edition), Ed. Macmillan.
[reference textbook for the Unit 5]

COMPLEMENTARY:

- Dornbusch, R.; Fischer, S. and Startz, R (2018): *Macroeconomics* (13th edition), Ed. McGraw-Hill.
- Belzunegui, B.; Cabrerizo, J.; Padilla, R. and Valero, I. (2013): *Macroeconomía: problemas y ejercicios resueltos* (3rd edition), Ed. Pearson.

Other resources and complementary materials

Support material and additional resources will be made available to students through the virtual classroom of the subject (**Virtual Campus, University of Extremadura**).