# uc3m Universidad Carlos III de Madrid

## Macroeconomics

Academic Year: (2018 / 2019) Review date: 01-12-2015

Department assigned to the subject: Economics Department Coordinating teacher: SEOANE BERNADAZ, HERNAN DANIEL

Type: Compulsory ECTS Credits: 3.0

Year: 1 Semester: 2

## REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

Undergraduate macroeconomics, microeconomics and multivariate calculus

#### **OBJECTIVES**

Understand measurement and basic macroeconomic variables

Understand financial relationships between agents in the open economy (government, central bank and private sector with the rest of the world) and get knowledge about the financing of central government

Understand basic modern consumption and investment theories

Understanding basic monetary and fiscal policy concepts

Study recent developments in the open economy

#### **DESCRIPTION OF CONTENTS: PROGRAMME**

Measurement and definitions in macroeconomics

Budget constraints: financial relationships between government, central bank, private sector and the rest of the world Consumption theory: Keynesian theory, Intertemporal Utility Maximization Problems, Permanent consumption hypothesis and application to financial markets

Investment theory: capital demand, user cost of capital, Tobin¿s Q

Fiscal and monetary policy: key concepts as ¿Ricardian Equivalence¿, concepts of money demand. Interaction between fiscal and monetary policy

Open Economy: the current account and the capital account. Small open economy models. Technology shocks, terms of trade shocks, interest rate spread shocks

## LEARNING ACTIVITIES AND METHODOLOGY

Theoretical classes to introduce and develop concepts Problem sets resolution

## ASSESSMENT SYSTEM

Class participation Problem sets Final exam

% end-of-term-examination: 60 % of continuous assessment (assignments, laboratory, practicals...): 40