

## INTRODUCTION TO MACROECONOMICS

21:220:102:04

Term: FALL 2020

**Professor MARIANA SPATAREANU**

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### **Class Schedule:**

Tuesdays/Thursdays: 4:00 PM - 5:20 PM

All classes will be online. We will be using Blackboard Collaborate. Please make sure you are familiar with it.

**Office hours:** Thursdays 1:30pm – 2:30pm or by appointment

Maria Hatalis is the **Teaching Assistant** for the course. She is available by email, and will hold office hours as well: [Mh1166@business.rutgers.edu](mailto:Mh1166@business.rutgers.edu)

**Textbook:** *Macroeconomics*, by Michael Parkin, Addison Wesley, Pearson Education, 13th Edition, 2019.

Additional recommended readings: The Economist, The Wall Street Journal and The New York Times.

**Learning Objectives:** Welcome to ECON 102! This course is an introduction to Macroeconomics. Macroeconomics is the study of economic aggregates in the short run and in the long run. In the short run, we study the determinants of the business cycle (recessions and expansions) and in the long run we study the determinants of living standards and the rate of economic growth. In both the short and long run, attention is paid to the impact of government policies (monetary and fiscal) on economic aggregates. At the end of the semester you should have acquired a good understanding of the broad and dynamic field of Macroeconomics in today's global environment.

Specific learning goals:

1. Students should be able to identify, define and interpret important economic aggregates like GDP, national income, consumption, saving, investment, employment and unemployment, price levels and inflation, nominal and real interest rates, exchange rates, trade balances, budget deficits and surpluses.
2. Students should be able to explain what determines the level of aggregate output and employment in the short run; they should also be able to explain the main determinants of short run fluctuations in output (recessions and expansions).

3. Students should be able to explain the main determinants of a country's standard of living in the long run and identify the main factors contributing to economic growth.
4. Students should be able to explain how the level of prices is determined in the short run and in the long run. They should also be able to explain the economic costs of both inflation and deflation.
5. Students should be able to explain the role of banks and the financial system in the macro economy. They should be able to explain the role of money in an economy and explain how commercial banks and the Federal Reserve create money.
6. Students should be able to explain the role of monetary and fiscal (tax and spending) policy in contributing to economic stability in the short run and economic growth in the long run.
7. Students should explain the importance of international trade and its impact upon a country's economic aggregates.

**Grading:**

The course grade will be based on 5 homework assignments, 2 midterm exams, and 1 final exam.

**Final grade breakdown:**

Homeworks	10%
Midterms (2*25% each):	50%
Final exam:	40%
 Total	 100%

**Exam dates** (*tentative dates*): Midterm 1 – October 8<sup>th</sup> (2:30pm - 3:50 pm)  
 Midterm 2 – November 22<sup>nd</sup> (2:30pm - 3:50 pm)  
 Final Exam - to be determined by FASN

**Homeworks:**

There will be 7 homework assignments during the semester, one every other week. Only your best 5 scores will be used to calculate your final grade. Homeworks will be completed online, through Blackboard.

You may work on the homeworks together, but each person must have their own account and submit their own answers. All homeworks must be submitted by the due date; failure to complete the homework will result in a zero for that assignment.

**Exams:**

Exams will consist of multiple-choice questions and application questions like those in the homework assignments. The midterm and the final exams must be taken at the dates and times given in the schedule above. There are NO make-up exams!

There is NO extra credit for any work that is not required from all students. Please do NOT request differential treatment to boost your grades.

ALL EXAMS WILL BE ONLINE. For the exams you will need Respondus LockDown Browser for Blackboard. Note that you also need a webcam, as the test has the Respondus Monitor activated.

Details below:

Students are required to download and install the Respondus LockDown Browser on their personal computer or access it in a NCS computer lab. Please download Lockdown Browser through this link:

For Windows 10:

<https://download.respondus.com/lockdown/download.php?id=185732062>

For MAC OS X:

<https://download.respondus.com/lockdown/download.php?ostype=2&id=185732062>

Please ensure you are downloading the correct version for your personal computer. There is a helpful video on these links which explain the basic features of Lockdown Browser.

In order to take an exam or practice test, please run the Lockdown Browser program and sign in to Blackboard. You will also have to enable Respondus Monitor once you are logged in which will activate your webcam. Both of these features need to be activated in order to take an exam/practice test. Once an exam or practice test has started, it must be completed in one sitting.

A password will NOT be required to take an exam or practice test. If you are prompted for a password, it implies that you do NOT have both Lockdown Browser and Respondus Monitor turned on and you will NOT be able to take the exam until both are turned on.

There will be a practice test ahead of the exams to ensure you have both of these features installed and working correctly. If you are facing any technical challenges, internet connectivity issues, or do not have a webcam, please email either Prof. Spatareanu or the TA to help you out PRIOR to the exam date.

Below also find a link that directs students to various technology resources, including free internet access:

<https://coronavirus.rutgers.edu/technology-resources-for-students/>

### **Bonus points - Quizzes:**

There will be a few unannounced quizzes. Each quiz will have three questions from the material covered during the *previous* class. If you answer correctly to two out of the three questions you

will get one extra point per quiz added to your overall score. There is no penalty if you do not take the quiz.

### **Class Participation:**

I expect you to attend *all* online lectures, to prepare in advance, and to participate actively in class discussions.

### **Course Outline:**

This schedule is subject to change during the semester, based on the overall pace of the class.

#### Part One. Introduction

Chapter 1. What Is Economics?  
Chapter 2. The Economic Problem  
Chapter 3. Demand and Supply

#### Part Two. Monitoring Macroeconomic Trends and Fluctuations

Chapter 4. Measuring GDP and Economic Growth  
Chapter 5. Monitoring Jobs and Inflation

#### Part Three. Macroeconomic Trends

Chapter 6. Economic Growth  
Chapter 7. Finance, Saving, and Investment  
Chapter 8. Money, the Price Level, and Inflation

#### Part Four. Macroeconomic Fluctuations

Chapter 10. Aggregate Supply and Aggregate Demand  
Chapter 11. Expenditure Multipliers: The Keynesian Model  
Chapter 12. U.S. Inflation, Unemployment, and Business Cycle

#### Part Five. Macroeconomic Policy

Chapter 13. Fiscal Policy  
Chapter 14. Monetary Policy