

## University of Colorado at Boulder

### ECON 3080-200 Intermediate Macroeconomics

#### Term B, Summer 2013

**MEETING TIME:** MTWRF 12:45-2:20 p.m., July 9 - August 9

**ROOM:** ECON 119

**Instructor:** Yuchen Shao

**Office:** ECON 306

**E-mail:** [yuchen.shao@colorado.edu](mailto:yuchen.shao@colorado.edu)

**Web:** <https://learn.colorado.edu/>

**Office Hours:** Tuesday 2:30-5:00 p.m., Wednesday 10:15-11:45 a.m.

#### Course Description

This course provides a comprehensive framework for analyzing how the economy actually works in an aggregate level. We will explore the determinants of both long-term trends and short-term fluctuations (business cycles) and explore the roles that consumers, firms, and governments play in the economy. Over the course of the semester we will cover long run growth, aggregate demand and supply, unemployment and wages, inflation, monetary and fiscal policy, as well as applying the tools of analysis to the recent recession. In addition, we will look at the microeconomic underpinnings of some of the theory. In the end you will have the technical tools necessary to intelligently read about and discuss current and past macroeconomic events.

#### Prerequisites

1. ECON 1000 or ECON 2020 or equivalent from another institution
2. ECON 1078 and 1088, or MATH 1300, or MATH 1310, or MATH 1081, or MATH 1080, 1090 and 1100, or APPM 1350, or equivalent from another institution.

Please bring a copy of your transcript by the third day of class for verification of your prerequisites. Unfortunately, current system does not offer this service to instructors.

This course requires basic algebra (important) and calculus (especially derivatives). It will be assumed that students possess these and there will be no formal math review.

#### Required Textbook

Charles I. Jones (2011). *Macroeconomics*, W.W. Norton & Company, 2nd Edition

Reading the book prior to lecture is a great way to make the learning process easier. Besides, the exercise at the end of each chapter is good practice for exams. The second edition includes new analysis of the recent economic crisis. You can consider using the original edition or the Economic Crisis Update version, but be warned that some chapters we will cover are not included in these prior editions.

**Grading Policy**

Problem Set: 20%

In-class Assignment: 10%

Midterm: 30%

Final Exam: 40%

Due to FERPA, we cannot discuss grades over email. Thus, if you have any question about your grade, please see me during my office hours.

**Exams**

The exams cannot be dropped and there will be no make-ups. Please make sure that you have no important things to do on the exam day. Moreover, neither exam will be cumulative beyond the cumulative nature of the material. Any materials covered in the lectures or in the problem sets will be fair game.

Graphing calculators are NOT allowed under any circumstance in the exam.

**Problem Set**

There will be 4 problem sets in the course. Those will help you understand the lectures and are nature practice for exams. Problem sets will be short answers. Please finish them carefully. No problem set could be dropped.

You are encouraged to discuss in small group (No more than 4 people in a group). However, each of you has to hand in your own hard copy version. Please put your group members name in your problem set. I hope you could discuss with your group members if you have questions. But do not copy down every single word of your friends. So you should write down your own version by yourself. Submitting almost-identical problem sets is NOT allowed.

The problem set will not be graded in detail, but I will grade based on both quality and effort you paid.

**In-class Assignment**

Attendance is required due to the intensity of summer term. I strongly encourage you to attend every lecture because we will learn almost the entire chapter in a single class. Therefore, it will be hard for students to catch up if they miss lectures. Besides, there is no recitation in our course.

Please remember to bring your textbook with you every day. Randomly throughout the semester I will assign problems from the textbook for you to work on in class, which you should hand in the solutions before you leave. These problems are group projects intended to provide practice and will be similar to those you will see on quizzes and exams. Grade will be given based on your effort, not on the quality.

There will be NO make-up for any in-class assignment without formal documentation, like doctor's note. Personal reasons like friends' wedding, family trip, and football game

are not excuses for makeup. However, you are allowed to miss at most two lectures in order to get full credit for this part of grade.

Lecture notes will be posted online one day before the lecture. You are responsible for any missing class.

### Grading Scale

93% to 100% A

90% to 92% A-

88% to 89% B+

82% to 87% B

80% to 81% B-

78% to 79% C+

72% to 77% C

70% to 71% C-

68% to 69% D+

62% to 67% D

60% to 61% D-

59.5% or lower

### Tentative Course Schedule

Week	Date	Topics	Course Materials	Assignments
1	Jul 9	Ch1&2	Introduction	
	Jul 10	Ch3	Long Run	
	Jul 11	Ch4	Aggregate Production	
	Jul 12	Ch5	Solow Growth Model	
2	Jul 15	Ch5	Solow Growth Model	
	Jul 16	Ch6	Romer Growth Model	
	Jul 17	Ch7	Labor Markets	HW1 Due
	Jul 18	Ch8	Inflation	
	Jul 19	Ch9	Short Run	
3	Jul 22	Ch11	IS Curve	
	Jul 23	Review	Ch2-8	
	Jul 24	<b>Midterm</b>		HW2 Due
	Jul 25	Ch12	Monetary Policy &Phillips Curve	
	Jul 26	Ch12	Monetary Policy &Phillips Curve	
4	Jul 29	Ch13	AS-AD Model	
	Jul 30	Ch13	AS-AD Model	
	Jul 31	Ch10&14	The Great Recession	HW3 Due
	Aug 1	Ch15	Consumption	
	Aug 2	Ch16	Investment	
5	Aug 5	Ch17	Government	
	Aug 6	Ch18	International Trade	
	Aug 7	Review	Ch9-18	HW4 Due
	Aug 8	Review	Ch9-18	
	Aug 9	<b>Final</b>		

**Disability**

If you qualify for accommodations because of a disability, please submit to me a letter from Disability Services in a timely manner so that your needs may be addressed.

Disability Services determines accommodations based on documented disabilities.

Contact: 303-492-8671, Willard 322, and <http://www.Colorado.EDU/disabilityservices>

**Religious Holidays**

Campus policy regarding religious observances requires that faculty make every effort to reasonably and fairly deal with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. If any of the scheduled exams in this syllabus conflicts with your religious holiday(s), notify me within the first two weeks of classes so that I can accommodate you as reasonably as I can in accordance with the above stated policy.

**Honor Code**

All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council ([honor@colorado.edu](mailto:honor@colorado.edu); 303-725-2273). Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion). Other information on the Honor Code can be found at <http://www.colorado.edu/policies/honor.html> and at <http://www.colorado.edu/academics/honorcode/>

**Policy on Discrimination and Sexual Harassment**

The University of Colorado at Boulder policy on Discrimination and Harassment (<http://www.colorado.edu/policies/discrimination.html>), the University of Colorado policy on Sexual Harassment and the University of Colorado policy on Amorous Relationships apply to all students, staff and faculty. Any student, staff or faculty member who believes s/he has been the subject of discrimination or harassment based upon race, color, national origin, sex, age, disability, religion, sexual orientation, or veteran status should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127 or the Office of Judicial Affairs at 303-492-5550. Information about the ODH and the campus resources available to assist individuals regarding discrimination harassment can be obtained at <http://www.colorado.edu/od>