

UNIVERSITY OF COLORADO

Department of Economics

Intermediate Macroeconomics (ECON 3080-005), Spring 2012

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Lecture: TTH: 2:00-3:15, MUEN E131
Office Hours: TTH 10:00am -11:00am
Website: <https://learn.colorado.edu> (Desire 2 Learn)

Course Description

This is an intermediate macro course. The material will be based on principle macroeconomics. We will discuss some phenomenon and results that are familiar to you in principle course deeply by constructing mathematical models. This course involves 3 parts: (1) Long run growth (2) Short run fluctuations (3) The role of consumers, investors and governments played in the economy.

We will use mathematical models to analyze the long run growth, short run AD/AS, wages, unemployment, monetary and fiscal policy and about the recent financial crisis. As you will see, these “models” become more and more popular in recent economic researches.

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

This course requires basic algebra and calculus (especially derivatives). I will spend a little time review some math tools.

Textbook

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

This book is required. Most lectures and notes will base on it. So it's required to possess one such that you could use it as a reference when you prepare for exams. Besides, the exercise at the end of each chapter will be nature practice questions for exams. Due to time constraint, some materials may not be covered in the lectures. And they will not in exams as well. It will be very helpful to look at the chapter before lecture as a preparation and review the chapter that we discussed in the lecture.

The 2nd Edition includes some new materials about recent crisis, which is not covered in the old edition. The others are basically the same. So if you already have the 1st edition, you don't have to buy the new one. However, we will talk about recent crisis in the lecture, which means you need to copy those materials from somewhere else. Besides, some homework questions will be

the exercise after each chapter. If you use the old edition, the page number may be different from the new version. **PLEASE MAKE SURE YOU ARE DOING THE SAME QUESTIONS AS OTHERS.**

Grading Policy

Midterm 1:	20%
Midterm 2:	20%
Problem Set:	20%
Attendance:	10%
Final Exam:	30%

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:

Midterms will not be cumulative beyond the cumulative nature of the material. However, Final is accumulative. There will be NO make-up or early exams. If you have valid emergency and have to miss ONLY ONE midterm, that 20% will be transferred equally to the other two exams (10% each). Final can NOT be missing. Please make sure that you have no important things to do in the exam day. If you have any emergency, please let me know ahead. Any materials covered in the lecture or in the Problem Set will be fair game for exams.

Graphing calculators and cell phone 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 practise for exams. Problem sets will include both multiple choice and 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.

Attendance:

Attendance is required due to the intensity of our class. I strongly encourage you to attend every lecture because I will NOT post my lecture notes. You need to come to the lecture to keep notes. If you miss any lecture, please ask your friends for lecture notes. Therefore, it will be hard to catch up if you miss lectures. Besides, there is no recitation in our course.

I will randomly take 12 attendances (not in review sessions and exam days) during the semester. You can drop 2 of them.

Tentative Course Schedule

Date	Topic	Chapter
Part I: Long Run Model		
1st week	Math Review and Intro to Macro	1&2&3
2nd week	Aggregate Production	4
3rd week	Solow Growth Model	5
4th week	Solow Growth Model	5
5th week	Romer Growth Model	6
6th week	Labor Markets	7
7th week	Inflation	8
Midterm 1: Thursday, March 1st, in class time		
Part II: Short Run Model		
8th week	Short Run&IS Curve	9&11
9th week	IS Curve&Monetary Policy	11&12
10th week	AS-AD Model	13
11th week	AS-AD Model	13
12th week	The Great Recession	10&14
Midterm 2: Thursday, April 5th, in class time		
Part III: Micro foundation		
13th week	Consumption	15
14th week	Fall break(no class)	
15th week	Government&Investment	16&17
16th week	International Macroeconomics	18&19
Final Exam: Not arranged yet, in same class room		

Office Hours and Email:

You are welcomed to ask questions in office hours, please use them wisely. I will hold extra office hours before exams. I suggest you ask questions immediately if you don't understand what I said in the lecture. It's not a good strategy to accumulate questions right before the exams.

Email is the only way to contact me without meet in face. However, I will be reluctant to answer questions that requires lots of time and space to explain (like big questions) via email. So if you have long questions, please talk to me in person and I could explain to you more clearly.

University Policies

Students with Disabilities

If you qualify for accommodations because of a disability, please submit to me a letter from Disability Services **by September 9th** so that your needs may be addressed. Disability Services determines accommodations based on documented disabilities. University policies regarding disabilities are available at www.colorado.edu/disabilityservices/. Disability Services can be contacted by telephone at (303) 492 8671 or in person at Willard 322.

Religious Observances

Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments, or required attendance. If you have a conflict due to a religious obligation, please see me **at least one full week in advance** so that alternate arrangements can be made. Policies regarding religious observances are available at www.colorado.edu/policies/fac_relig.html.

Classroom Behavior

Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender, gender variance, and nationalities. Class rosters are provided to the instructor with the student's legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records. Policies regarding classroom behavior are available at <http://www.colorado.edu/policies/classbehavior.html> and at http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_code.

Discrimination and Harassment

The University of Colorado at Boulder policy on Discrimination and Harassment, 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 sexual harassment or discrimination or harassment based upon race, color, national origin, sex, age, disability, creed, 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, the above referenced policies, and the campus resources available to assist individuals regarding discrimination or harassment can be obtained at <http://www.colorado.edu/odh>.

Academic Misconduct

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, (303) 735 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 www.colorado.edu/policies/honor.html and at www.colorado.edu/academics/honorcode.