ECON 3080 Intermediate Macroeconomics

University of Colorado Boulder
Department of Economics
Spring 2020

Instructor:	Ge Song	**Time:**	TTH 12:30 PM { 1:45 PM
Email:	Ge.Song@Colorado.EDU	**Place:**	STAD 140
O ce:	ECON 14	**O ce Hours:**	TTH 02:00 { 03:00 PM

Course Pages: https://cuboulder.instructure.com/courses/60215

The course syllabus, handouts, supplementary materials, and homework assignments will be posted on Canvas. Please check the course webpage frequently as I will be updating it with materials and assignments. You are responsible for checking the canvas webpage regularly to avoid missing any assingments or announcements.

O ce Hours: TTH 02:00 { 03:00 PM, or by appointment.

Course Description: This is a one-semester theory course on intermediate macroeconomics. With aid of quantitative instruments from a rich set of tool kit, the course aims to push up understandings of macro stylized facts as well as policy discussions to a more rigorous level. For purpose of teaching convenience, the course is dichotomized into classical theories of long-run growth and short-run uctuation. The long-run part mainly deals with theoretical decipherment of empirical evidences that countries diverge, by income per capita or by other measures of individual well-beings, and cluster into di erent \clubs"; The short-run part, on the other hand, switches focus on business cycles, digging deeper by employing appropriate neoclassical models that might potentially do a good job in accounting for volatilities of key variables of interest. At very end of the day, the course is ambitious enough to touch upon one computational model, in addition with approaches to map the model to the real world data. Hopefully, this course is going to arouse your interest, and to cement a good foundation for more advanced ECON courses.

Main References: This is a restricted list of various interesting and useful books that will be touched during the course. You need to consult them occasionally.

N. Gregory Mankiw, *Macroeconomics*, Tenth Edition, Worth Publishers, 2018. (required)
(you may use a previous edition - just make sure to match up the relevant chapters).

Robert J. Barro, *Intermediate Macroeconomics*, Cengage Learning, 2017. (recommended)

Charles I. Jones, *Macroeconomics*, Fourth Edition, W. W. NorthNorCuta28(t)-3(,)-406(F)87. neo0recommende

How to make policy implications from theories, and how to be critical and just when commenting on policy discussions?

Prerequisites:

I will not give any early or make-up exams. In the case that you have to miss any of the midterms because of a family or medical emergency, and only if you provide documentation to justify that absence, the weight for the corresponding midterm will be added to the nal exam. In all other cases, a missed exam will result in a grade of zero for that exam.

The nal exam cannot be missed under any circumstances. During all the exams (midterms and nal), the use of calculators will NOT be allowed. If I ask for any calculations, these will be easy enough. The only thing you will need for exams will be something to write (pen or pencil). I will provide paper. If you have 3 or more nals on the same day, you can arrange to take the last nal at an alternate time. **However, you must notify me of this no later than the 10th weeks into the semester (before Mar 23rd, i.e., the Spring Break) and provide proof that it is your 3rd or more exam on that day.**

Cheating in any of the exams is unacceptable. Any cheating instances will result in a grade of zero and a report to the Honor Code Council.

Email

If you have any questions about the material, send me an email. Sometimes it will be more e ective to discuss those questions in o ce hours. If that is the case, I will ask you to come to my o ce. I will try to respond all emails within 24 hours. If you have any administrative issues covered in the syllabus, please check it before asking me. If after checking the syllabus you still have any questions, come directly to my o ce during o ce hours. I will not answer administrative questions over the email.

According to FERPA, we are not allowed to discuss grades via email. If you have any questions or concerns about your grade, please come to my o ce during o ce hours.

O ce Hours

At the top of this syllabus you can nd when and where my o ce hours take place. If you cannot make it at any of those times, send me an email and we can set up an appointment outside those hours.

Laptops/electronic devices

Laptops or other electronic devices are allowed in class.

University Policies:

DISABILITY POLICY: I am committed to providing everyone the support and services needed to participate in this course. If you qualify for accommodations because of a disability, please submit to your instructor a letter from Disability Services in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities. Contact Disability Services at 303-492-8671 or by e-mail at dsinfo@colorado.edu.

HONOR CODE: 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. Incidents of academic misconduct will be reported to the Honor Code Council (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 myself and non-academic sanctions (including but not limited to university probation, suspension, or expulsion).

RELIGIOUS OBSERVATION POLICY: Campus policy regarding religious observances requires that faculty make every eort to reasonably and fairly deal with all students who, because of religious obligations, have conicts with scheduled exams, assignments, or required attendance. If you have a conict, please make arrangements with me no later than the rst week of the semester.

CODE OF BEHAVIOR POLICY: Students and faculty each have responsibility for maintaining an appropriate learning environment. Students who fail to adhere to such behavioral standards may be subject to discipline. Faculty has the professional responsibility to treat all students with understanding, dignity and respect, to guide classroom discussion and to set reasonable limits on the manner in which we express opinions. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with dierences or race, culture, religion, politics, sexual orientation, gender variance and nationalities.

DISCRIMINATION AND HARASSMENT POLICY: CU Boulders policy on Discrimination and Harassment can be found on the university website. The policy on Sexual Harassment and on Amorous Relationships applies to all students, sta and faculty. Any student, sta 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 Oce of Discrimination and Harassment (ODH) at 303-492-2127 or the Oce of Judicial Aairs at 303-492-5550. Information about the ODH and the campus discrimination and harassment resources can be obtained at http://www.colorado.edu/odh.

Tentative Course Outline:

The weekly coverage might change as it depends on the progress of the class. However, you must keep up with the reading assignments.

Topics	Approximate dates	Reading Chapters
I. Introduction to Macroeconomics	Week of Jan 13th, Jan 20th	Mankiw 1 & 2
II. Classical Theory (the Long Run)		
A. National Income	Week of Jan 20th and Jan 27th	Mankiw 3
B. Money and In ation	Week of Jan 27th and Feb 3rd	Mankiw 4 & 5
C. The Open Economy	Week of Feb 10th and Feb 17th	Mankiw 6
Midterm 1 (In Class)	**Tuesday, Feb 25th**	
III. Growth Theory (the very Long Run)		
A. Economic Growth I (Solow Model)	Week of Feb 24th and Mar 9th	Mankiw 8
B. Economic Growth II (Endogenous Growth Model)	Week of Mar 9th and Mar 30th	Mankiw 9
Midterm 2 (In Class)		