

Intermediate Macroeconomic Theory

ECON 3080-003

Instructor Info —



Jieun Lee



Office Hours: Mon, Wed 1:00-2:00pm & by appointment



Zoom ID for office hours: please check on Canvas



jile7153@colorado.edu

Course Info —



Mon, Wed, Fri



3:00-3:50pm



MUEN E050



Midterm 1: 9/16 in class



Midterm 2: 10/14 in class



Midterm 3: 11/11 in class



Final: 12/11 1:30-4:00pm

Overview

This course is designed to provide students with the tools of macroeconomics to study various macroeconomic policy problems in-depth. The first part of this course deals with theories of economic growth in the long run. We will study the production model, the Solow growth model and the Romer model. In addition to the growth models, inflation in the long run will be covered. The second part focuses on the two theoretical frameworks that are used to understand and explain economic fluctuations in the short run: the IS-MP framework and AD-AS framework. Finally, in the last part of the course, we will utilize the short-run frameworks to analyze the Great Recession and then extend them to incorporate international finance. In the end you will have the technical tools and knowledge necessary to intelligently read about and discuss current and past macroeconomic events.

Prerequisites

ECON 2020 and ECON 1088 or MATH 1081 or MATH 1300 or MATH 1310 or APPM 1350 (all min grade C-)
– This course requires a working knowledge of calculus. There will be no formal review of calculus techniques. Students who do not meet the requirement may be administratively dropped from this course.

Textbook

Charles I. Jones (2017). *Macroeconomics*, W. W. Norton & Company, 5th Edition.
– It is fine with me if you decide to use an older edition. However, the course will be based on the 5th edition.

Grading Scheme

15%	Homework Assignments
25%	Midterm with the Highest Score
25%	Midterm with the Second Highest Score
35%	Final Exam

Exam Policies

You can either take exams in class or remotely (Final exam will be conducted online). However, I recommend that you take exams in class because you may ask questions during the exam if you are present in the classroom. If you take your exam remotely, you must use the exam proctoring service (Proctorio) during the exam, and it prevents you from asking me questions. Please keep in mind that any details on how to implement exams may vary depending on COVID19-related situations or technical issues involving with the proctoring program.

Midterms will not be cumulative beyond the cumulative nature of the material. **The final will be cumulative.**

I will not give any make-up exams. A midterm exam with the lowest score will be dropped when calculating grade. A missed midterm exam will be regarded as the midterm with the lowest score. **The final exam cannot be missed under any circumstances.**

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.

Other Class Policies

Lectures and Attendances

Attendance is not mandatory but students are strongly recommended to attend lectures in person. This way, you can learn lecture material more efficiently and understand better by interacting with me and other classmates. If you are not able to attend an in-class lecture for some reason, you can watch video lectures that will be uploaded after each lecture. I will also post an outline of my lectures before each in class meeting and post the full version of my lecture notes after class.

Emails

If you have any questions, you can send me an email. I will try to respond to your email within 24 hours. Sometimes it will be more effective for me to answer your questions during office hours. If this is the case, I will encourage you to meet me through Zoom. According to FERPA (the Family Education Rights and Privacy Act of 1974), I cannot send any information regarding grades through email. I will not respond to your email if you ask me about your grade. Please talk to me before or after class or during office hours if you have any concerns about your grade.

Office Hours

Office hours are for you to ask questions or discuss course material with me with limited distractions. If we cannot meet during my scheduled office hours, you can send me an email to set up an alternative time. Office hours will be held through Zoom. The Zoom link for office hours will be posted on Canvas.

Class Schedule

Theories of Economic Growth in the Long Run

Week 1	Introduction to Macroeconomics	Chapter 1
	An Overview of Long-Run Economic Growth	Chapter 3
Week 2	An Overview of Long-Run Economic Growth	Chapter 3
	A Model of Production	Chapter 4
Week 3	A Model of Production	Chapter 4
Week 4	Midterm 1	Wednesday, September 16
	The Solow Model	Chapter 5
Week 5	The Solow Model	Chapter 5
Week 6	The Romer Model	Chapter 6
Week 7	Inflation	Chapter 8
Week 8	Midterm 2	Wednesday, October 14
	Introduction to the Short Run	Chapter 9

Theories of Economic Fluctuations in the Short Run

Week 9	Introduction to the Short Run	Chapter 9
	The IS Curve	Chapter 11
Week 10	Monetary Policy and the Phillips Curve	Chapter 12
Week 11	Stabilization Policy and the AS/AD Framework	Chapter 13
Week 12	Midterm 3	Wednesday, November 11

Applications

Week 13	The Great Recession	Chapter 10
Week 14	The Great Recession and the Short-Run Model	Chapter 14
Week 15	Exchange Rates and International Finance	Chapter 20
Week 16	Exchange Rates and International Finance	Chapter 20
	Final Exam (ONLINE)	Friday, December 11 (1:30-4:00pm)

University Policies

Classroom Behavior

Both students and faculty are responsible for maintaining an appropriate learning environment in all instructional settings, whether in person, remote or online. 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 race, color, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression, veteran status, political affiliation or political philosophy. For more information, see the policies on [classroom behavior](#) and the [Student Code of Conduct](#).

Requirements for COVID-19

As a matter of public health and safety due to the pandemic, all members of the CU Boulder community and all visitors to campus must follow university, department and building requirements, and public health orders in place to reduce the risk of spreading infectious disease. Required safety measures at CU Boulder relevant to the classroom setting include:

- maintain 6-foot distancing when possible,
- wear a face covering in public indoor spaces and outdoors while on campus consistent with state and county health orders,
- clean local work area,
- practice hand hygiene,
- follow public health orders, and
- if sick and you live off campus, do not come onto campus (unless instructed by a CU Healthcare professional), or if you live on-campus, please alert [CU Boulder Medical Services](#).

Students who fail to adhere to these requirements will be asked to leave class, and students who do not leave class when asked or who refuse to comply with these requirements will be referred to [Student Conduct and Conflict Resolution](#). For more information, see the policies on [COVID-19 Health and Safety](#) and [classroom behavior](#) and the [Student Code of Conduct](#). If you require accommodation because a disability prevents you from fulfilling these safety measures, please see the “Accommodation for Disabilities” statement on this syllabus.

Before returning to campus, all students must complete the [COVID-19 Student Health and Expectations Course](#). Before coming on to campus each day, all students are required to complete a [Daily Health Form](#).

Students who have tested positive for COVID-19, have symptoms of COVID-19, or have had close contact with someone who has tested positive for or had symptoms of COVID-19 must stay home and complete the [Health Questionnaire and Illness Reporting Form](#) remotely.

Accommodation for Disabilities

If you qualify for accommodations because of a disability, please submit your accommodation letter from Disability Services to your faculty member in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities in the academic environment. Information on requesting accommodations is located on the [Disability Services website](#). Contact Disability Services at 303-492-8671 or dsinfo@colorado.edu for further assistance. If you have a temporary medical condition, see [Temporary Medical Conditions](#) on the Disability Services website.

Preferred Student Names and Pronouns

CU Boulder recognizes that students' legal information doesn't always align with how they identify. Students may update their preferred names and pronouns via the student portal; those preferred names and pronouns are listed on instructors' class rosters. In the absence of such updates, the name that appears on the class roster is the student's legal name.

Honor Code

All students enrolled in a University of Colorado Boulder course are responsible for knowing and adhering to the Honor Code. Violations of the policy may include: plagiarism, cheating, fabrication, lying, bribery, threat, unauthorized access to academic materials, clicker fraud, submitting the same or similar work in more than one course without permission from all course instructors involved, and aiding academic dishonesty. All incidents of academic misconduct will be reported to the Honor Code (honor@colorado.edu); 303-492-5550). Students found responsible for violating the academic integrity policy will be subject to nonacademic sanctions from the Honor Code as well as academic sanctions from the faculty member. Additional information regarding the Honor Code academic integrity policy can be found at the [Honor Code Office website](#).

Sexual Misconduct, Discrimination, Harassment and/or Related Retaliation

The University of Colorado Boulder (CU Boulder) is committed to fostering an inclusive and welcoming learning, working, and living environment. CU Boulder will not tolerate acts of sexual misconduct (harassment, exploitation, and assault), intimate partner violence (dating or domestic violence), stalking, or protected-class discrimination or harassment by members of our community. Individuals who believe they have been subject to misconduct or retaliatory actions for reporting a concern should

contact the Office of Institutional Equity and Compliance (OIEC) at 303-492-2127 or cureport@colorado.edu. Information about the OIEC, university policies, [anonymous reporting](#), and the campus resources can be found on the [OIEC website](#). Please know that faculty and instructors have a responsibility to inform OIEC when made aware of incidents of sexual misconduct, dating and domestic violence, stalking, discrimination, harassment and/or related retaliation, to ensure that individuals impacted receive information about options for reporting and support resources.

Religious Holidays

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. See the [campus policy regarding religious observances](#) for full details.