

ECON 3080 Intermediate Macroeconomics Theory

Summer 2021, Term B

Instructor: Yan Zhan

Email: yan.zhan@colorado.edu

Office hours: RF 2-4 PM

Lecture time: 1:15-2:50 PM, MTWRF

Lecture room: DUAN G1B30

Course Link: [Canvas](#)

A. Course Information

A.1 Prerequisites

1. Economics prerequisite: ECON 1000 or 2020
2. Mathematics prerequisites: ECON 1078 and 1088, or MATH 1300, or MATH 1310, or MATH 1081, or MATH 1080,1090, and 1100, or APPM 1350, or equivalent

This class requires working knowledge of calculus. Students without appropriate prerequisites may be administratively dropped. There will be no formal review of calculus techniques. Therefore, the mathematics prerequisites will be strictly enforced.

A.2 Office Hours Zoom Link:

A.3 Canvas Website:

<https://canvas.colorado.edu/courses/73592>

A.4 Textbook:

Charles I. Jones (2020). *Macroeconomics*, W. W. Norton & Company, 5th Edition.

If you have the 3rd or 2nd edition, fine with me.

A.5 Course Description

Macroeconomics is the study of the aggregate economy. We will explore the determinants of long term trends, short term fluctuations (business cycles), and 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 latest recession. In addition, we will look at the microeconomic underpinnings of portions of the theory. In the end you will have the technical tools and knowledge necessary to intelligently read about and discuss current and past macroeconomic events.

In general, we will be using many simple equations to build “toy models” of the economy. By playing with these, we can gain deeper intuition into the highly complex economic interactions that create real problems and benefits for people worldwide. Some of the most important national and international political issues concern the potential costs and benefits of economic policy (in)action.

While these models don't give easy, perfect answers, from them you will have a stronger understanding of the mechanisms and chains of causality that underlie these issues

B. Course Policies

B.1 General policies

- *No makeup assignments will be given.*
- Please allow 24 hours for me to respond to emails. This means that if you email me with a question the night before an exam, I may not be able to respond until after the exam has been administered, so please ask questions early and often. I will not discuss grades over email per FERPA guidelines.
- If you have any conflicts with any of the exam dates, let me know ASAP and I will try to accommodate. If you have a job, make sure you request the exam dates off now so that you will not have a conflict.

B.2 Grades

Breakdown

Homework	25%
Midterm 1(July 19th)	20%
Midterm 2(July 30th)	20%
Final	30%
iClicker	5%

Curving

Midterms may be curved individually, and a curve may be applied to the overall course grade to conform to departmental standards.

Letter Grade Cutoffs

Below is the letter grade you will receive for the final score given in the class:

≥ 93% A	87-89.9 B+	77-79.9 C+	67-69.9 D+	≤ 59.9 F
90-92.9 A-	83-86.9 B	73-76.9 C	63-66.9 D	
	80-82.9 B-	70-72.9 C-	60-62.9 D-	

I will automatically increase final course grades that are 0.5% below any grade cutoff after any final grading curve has been applied. For example, if the final grades is 86.5%, because it's 0.4% below the cutoff, it will be bump up by 0.5% and get B+. A final grades of 86.4% will give you a B.

Grade Adjustments

Other than the 0.5% bump discussed above, *I will not grant any request to increase your grade to meet a certain cutoff*. You will receive the grade that you earned throughout the course. If you are concerned about your grade(s) you should immediately come talk to me. I will do everything I can to help you be successful in this course.

Reporting

Grades will be uploaded to Canvas as midterms are graded. iClicker question grades and extra credits will be uploaded to the Canvas within one week after final.

B.3 Homework

Homework are assigned through the Canvas and worth 25% of your overall grade. There will be 5 homework and each contain the review quizzes of the chapters covered before the due date. Each quiz allows two attempts and average score will be kept. No late work accepted.

B.4 Exams

Midterm Exams

The midterm exams are not cumulative. Two midterms will be given during lecture time on the fixed dates (July 19th and July 30th) in the schedule given in this syllabus. **No makeup or separate time exams will be given** (except for students with documented accommodations). You must notify me with documentation of your accommodation at least one week before the first exam in order or it to apply.

Final Exam

The final exam is cumulative. The exam is held in our regular classroom on the last day of class, August 6th, 1:15pm – 2:50pm. This date is non-negotiable.

Exam Form

The exams will be **mainly multiple choices and one or two short answer questions**. Multiple choices will be similar to homework questions and Clicker questions. The short answer questions will be similar to the worksheets that I hand out during lectures.

B.5 Clicker Question

You will need an iClicker. Clickers can be purchased at the CU Bookstore if you do not have one already. We will use clickers in **every lecture** to review examples and to solve problems, beginning the second week of class. You are allowed to discuss the questions with your classmates while in class to work together. We will have more than one hundred Clicker questions and your **lowest twenty clicker grades** for the semester will be dropped. Please note that it is considered cheating to bring a classmate's clicker to class. If you are caught with more than one clicker, you will be asked to leave class for the day and you and the classmate whose clicker you have will receive an F for the semester.

Please make sure to register your clicker. See [here](#) for details. Failure to register your clicker will result in a score of zero for all clicker questions.

B.6 Cheating

If you are caught cheating in any fashion you will be given an F for the semester and your case will be reported to the Honor Code Council for review. Please consult the University policies below for more detail.

B.7 Expectations

You can expect me to:

- Be prepared for the day's lecture and do my best to assist you in your course work.
- Work hard to return graded work promptly.
- Treat everyone equally and respectfully at all times.
- Be available in my office hours and via email to help you be successful in this course.
- Make mistakes.

You will be expected to:

- Regularly attend class, arrive on time, and silence your phone.
- Complete all assignments and turn in homework on time.
- Be respectful to others and cooperate with your cohorts.
- Ask and answer questions and take co-responsibility for creating a meaningful class.

C. 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 effort to reasonably and fairly deal with all students who, because of religious obligations, have conflicts with scheduled exams, assignments, or required attendance. If you have a conflict, please make arrangements with me no later than the first 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 differences or race, culture, religion, politics, sexual orientation, gender variance and nationalities.
- **DISCRIMINATION AND HARASSMENT POLICY:** CU Boulder's 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, 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 discrimination and harassment resources can be obtained at <http://www.colorado.edu/odh>.

D. Tentative Schedule

Schedule

# Class	📅 Dates	Aa Content	☰ Topics	☰ Type
1	@July 6, 2021	<u>Chapters: 1, 2, and 3</u>	An Overview of Macroeconomics	📖 Lesson
2	@July 7, 2021	<u>Chapters: 1, 2, and 3</u>	An Overview of Macroeconomics	📖 Lesson
3	@July 8, 2021	<u>Chapter 4</u>	Production and Growth	📖 Lesson
4	@July 9, 2021	<u>Chapter 4</u>	Production and Growth	📖 Lesson
	@July 11, 2021	📄 <u>Homework 1 due</u>	Review Quiz for Chapter 1, 2, 3, 4	📌 Assignment
5	@July 12, 2021	<u>Chapter 5</u>	The Solow Model	📖 Lesson
6	@July 13, 2021	<u>Chapter 5</u>	The Solow Model	📖 Lesson
7	@July 14, 2021	<u>Chapter 6</u>	The Romer Model	📖 Lesson
8	@July 15, 2021	<u>Chapter 6</u>	The Romer Model	📖 Lesson
9	@July 16, 2021	<u>Chapter 7</u>	Labor	📖 Lesson
	@July 18, 2021	📄 <u>Homework 2 due</u>	Review Quiz for Chapter 5, 6	📌 Assignment
10	@July 19, 2021	100 <u>Chapter 7 & Midterm 1</u>	Labor	📖 Lesson 🔍 Exam
11	@July 20, 2021	<u>Chapter 8</u>	Inflation	📖 Lesson
12	@July 21, 2021	<u>Chapter 9, 11</u>	The Short Run, The IS Curve	📖 Lesson
13	@July 22, 2021	<u>Chapter 9, 11</u>	The Short Run, The IS Curve	📖 Lesson
14	@July 23, 2021	<u>Chapter 12</u>	Monetary Policy and The Phillips Curve	📖 Lesson
	@July 25, 2021	📄 <u>Homework 3 due</u>	Review Quiz for Chapter 7, 8, 9, 11	📌 Assignment
15	@July 26, 2021	<u>Chapter 12</u>	Monetary Policy and The Phillips Curve	📖 Lesson
16	@July 27, 2021	<u>Chapter 13</u>	The AS/AD Model	📖 Lesson
17	@July 28, 2021	<u>Chapter 13</u>	The AS/AD Model	📖 Lesson
	@July 29, 2021	📄 <u>Homework 4 due</u>	Review Quiz for Chapter 12, 13	📌 Assignment

# Class	📅 Dates	Aa Content	☰ Topics	☰ Type
18	@July 29, 2021	<u>Chapter 10</u>	The Great Recession (Part 1)	📖 Lesson
19	@July 30, 2021	¹⁰⁰ <u>Chapter 14 & Midterm 2</u>	The Great Recession (Part 2)	📖 Lesson 🔍 Exam
20	@August 2, 2021	<u>Chapter 16</u>	Consumption	📖 Lesson
21	@August 3, 2021	<u>Chapter 17</u>	Investment	📖 Lesson
22	@August 4, 2021	<u>Chapter 18</u>	Government	📖 Lesson
23	@August 5, 2021	<u>No class</u>		📖 Lesson
	@August 5, 2021	📖 <u>Homework 5 due</u>	Review Quiz for Chapter 10, 16, 17, 18	📌 Assignment
24	@August 6, 2021	¹⁰⁰ <u>Final Exam</u>		🔍 Exam
		📌 <u>Exam</u>		
		📖 <u>Lesson</u>		📖 Lesson
		📌 <u>Assignment</u>		