

PRINCIPLES OF MACROECONOMICS: ECON2020-300

Spring 2024

| | | | |
|--------------------|--|----------------------|---------------------|
| Instructor: | Elizabeth Sorensen Montoya | Time: | MWF 10:10am–11:00am |
| Email: | elizabeth.sorensenmontoya@colorado.edu | Place: | GOLD A2B70 |
| Office: | ECON401* | Office Hours: | MF: 11:30am-12:30pm |

**This office is only accessible via a steep staircase. If this makes it difficult for you to access, please email me ahead of the day you would like to come to office hours and we can arrange a different meeting location.*

Teaching Assistant: TBD

Email: TBD

Office: TBD

Office Hours: TBD

Teaching Assistant: TBD

Email: TBD

Office: TBD

Office Hours: TBD

Course Page: <https://canvas.colorado.edu/>

Communication:

- Announcements regarding any changes to the course schedule or homework due dates will be clearly communicated in lecture and posted on the course Canvas page.
- The best way to contact me is through the university email system. I do not check or respond to emails sent through the Canvas messaging system. I will only respond to emails from a #####@colorado.edu address. This helps ensure that I do not miss any emails.
- On weekdays, I will respond to emails within 24 hours; on weekends, within 48 hours.
- I will not respond to emails containing questions that are clearly answered in this syllabus.
- **In accordance with federal law (FERPA), I will not discuss grades over email.**

Course Description:

This class explores the fundamental theories and principles of macroeconomics, providing a solid understanding of their practical application. Over the semester, the course will cover various topics, including the determination of output, unemployment, inflation, interest rates, exchange rates, business cycles, and economic growth.

Required Materials:

1. iClicker

We will be using iClicker to enhance active learning and participation in this course. You will need to have either an iClicker+ remote OR an iClicker student app account. You must set up an iClicker account [using your student ID](#). Further instructions for setting up the iClicker remote or app are provided in the course canvas.

2. *Principles of Macroeconomics 10th Edition* by Gregory Mankiw with MindTap Access

To keep the cost of your course materials as low as possible and access to those materials as convenient as possible, we have collaborated with the CU Book Store and the publisher to deliver those materials through a program called “Day 1 Digital Access”, which will appear on your tuition and fee bill as “Day 1 Digital Access”. What does this mean for you?

- (a) You will receive access to all your course materials, digitally, on the first day of classes through the course Canvas page.
- (b) You will see a “Day 1 Digital Access” charge on your tuition and fees.
 - This is a guaranteed lowest price, discounted by the publisher, and not available outside this course.
- (c) You have the option to opt out. This means you won’t pay for anything, but you will lose all access to the course materials, including the homework manager, Mindtap.
 - You can opt out by using a link in a reminder email you will receive with the subject heading “Day 1 Digital Access”.
 - You must opt out no later than January 31 otherwise you will be charged for the materials.
- (d) **Please keep in mind that “opting out” means that your access to these materials will be turned OFF, and you will have no way to complete assignments.** Although you must have these materials to pass the course, federal law mandates that you have the option of declining these materials. To do so please follow the instructions in the email mentioned above.

Prerequisites:

Students must have earned a grade of at least C- in Principles of Microeconomics (ECON2010) prior to taking this course.

Course Structure:

We convene for lectures three times each week. During these lectures, I introduce and discuss the fundamental concepts found in the covered textbook chapters (please consult the tentative course schedule below).

Additionally, each student must be enrolled in a recitation section which meets once weekly. In recitation, the TAs will review the material presented in lecture, cover practice problems from an (ungraded) worksheet, and aid in exam preparation. These smaller recitation meetings offer an excellent opportunity for students to ask more questions about the material and practice problems with immediate help available.

Note: Recitations do not meet the first week of class.

Course Policies:**General:**

- Each student is responsible for reading and understanding this syllabus. Lack of knowledge of listed policies is not a valid excuse for violations.
- Use of laptops or tablets for note-taking is permitted. **If use of such technology is distracting, I reserve the right to disallow its use.**
- Mobile phone use is not permitted outside of answering iClicker questions and polls.

Grading:

Reporting: Grades will be posted in Canvas as assignments are graded.

Curving: Midterms grades may be curved individually. The overall course grade may also be curved to conform to departmental standards. I will never curve grades down.

Grading Scale: A: ≥ 94 , A-: 90-93.9, B+: 87-89.9, B: 83-86.9, B-: 80-82.9, C+: 77-79.9, C: 73-76.9, C-: 70-72.9, D+: 67-69.9, D: 63-66.9, D-: 60-62.9, F: < 60

Final grades are based on the percentage of possible points you earn in the course. I will round up to the next letter grade if you are within 0.1 percentage points of that grade.

To maintain fairness, all grades will be determined with strict adherence to the policies listed in this syllabus. Individual requests for grade bumps or additional extra credit opportunities will be ignored, unless there are extreme extenuating circumstances approved by the University. This does not apply to requests to review grades if you believe an error in calculation has been made.

| Grade Item | Percentage |
|-------------------------------|-------------|
| Lecture Attendance (required) | 5% |
| Lecture Attendance (bonus) | 4% |
| Recitation Attendance | 10% |
| Homework | 20% |
| Midterm 1 | 20% |
| Midterm 2 | 20% |
| Final Exam | 25% |
| Total | 104% |

Lecture Attendance: Attendance to half of the lectures is mandatory and counts for 5% of the overall grade. Beginning in the second week of the semester, there are roughly 36 lectures where attendance will be recorded. **Attendance to at least 18 of these lectures is required.** Every 3 absences below 18 result in a 1% grade drop.

The table below shows a detailed attendance grading rubric.

Attendance will be taken through the use of iClickers. Throughout a typical lecture, there will be 4 opportunities to answer a multiple choice question through your iClicker app/remote. **Responses to at least half of these questions/polls are required in order for the student to be considered in attendance that day.** iClicker questions are monitored for completion, not for correct answers.

Students are responsible for operating their electronic devices correctly and honestly. The instructor and teaching assistants will help students to ensure their devices work properly at the beginning of the semester. Occasionally, iClicker questions will be designed to monitor dishonest use (i.e. responding to questions while not in the classroom). Dishonest use of iClicker is considered cheating and will be addressed accordingly.

If a student attends 18 lectures, the full 5% attendance grade is earned. If a student attends more than 24 lectures, they will start to earn a bonus towards their final grade. A maximum of 9% can be earned by attending lectures. See the table below for details.

Lecture attendance will be recorded and posted in Canvas in a timely manner, though the lecture attendance grade may not be factored into the overall course grade until the end of the semester.

| Lecture Attendance Grading Rubric | | | | | | | | | | | |
|-----------------------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|------|
| Lectures Attended | 0-3 | 4-6 | 7-9 | 10-12 | 13-15 | 16-18 | 19-24 | 25-26 | 27-28 | 29-30 | ≥ 31 |
| Lecture Grade | 0% | 1% | 2% | 3% | 4% | 5% | 5% | 6% | 7% | 8% | 9% |

Recitation Attendance: Recitations begin the second week of the semester. Attendance to recitation is mandatory. You are required to attend the recitation section in which you are registered. Your recitation attendance grade will be recorded and posted by your TA and may not be posted until the end of the semester.

You may miss 2 recitations without penalty.

Homework: Homework will be completed through MindTap. *You do not need to pay for MindTap separately, it is included in your Day 1 Access materials.* Homework assignments will be due each week on Sunday at 11:59pm. See the tentative schedule below. In rare instances, homework due dates may be pushed back. This will be clearly communicated in lecture and on the course Canvas page. Homework due dates will never be pushed up to an earlier date. There is a 24-hour grace period after the due date in which assignments are accepted with no penalty. Beyond that 24-hour window, *late assignments are not accepted and will receive a score of 0.*

The three lowest homework grades will be dropped.

Exams:

Dates:

Midterm 1: Friday 2/16 (in class)

Midterm 2: Wednesday 3/20 (in class)

Final: Saturday 5/4 at 4:30pm-7pm

Midterms:

There will be two multiple choice midterm exams that will take place in-person during lecture. Formula sheets or other aids are not permitted for the midterm exams. You may use a non-graphing calculator and scratch paper. The dates of these midterms are given in the tentative course schedule. **Midterm exam dates will not change regardless of where we are at in the material.** Meaning, if we get behind in lecture and are unable to cover all of the material listed as being on the midterm, the midterm will still occur on the scheduled date but will not contain any uncovered material. In the extremely rare event that we are ahead on material, only the chapters listed in this syllabus will be covered on the corresponding midterm.

For students with documented accommodations for exams, please notify me within the first two weeks of classes.

- **Note:** Make up midterm exams are not given. If you have an unavoidable conflict and know you will not be present for one of the exams, you must contact me within the first two weeks of class.

If an emergency causes you to miss a midterm exam, you must contact me within 72 of the missed exam to discuss your options.

Final:

The final exam will be held on Saturday, May 4 from 4:30-7pm in our usual classroom. The final exam will not be given on any other date or time than what is assigned by the university's [finals schedule](#). The only exceptions are covered by campus guidelines on absences due to religious observance (see below) or if you have more than 3 final exams scheduled on the same day. If that is the case, you must contact me before February 1st.

The final is cumulative with a larger portion of questions coming from material covered after the second midterm. You are allowed to create a one-sided, 8.5" x 11" formula sheet to use during the exam. No other study materials or aids will be permitted during the examination period. You may use a non-graphing calculator and scratch paper.

Cheating: If you are caught cheating in any manner (on homework, exams, or attendance-recording instruments), you will receive an F for the semester and will be reported to the Honor Code Council for review.

Artificial Intelligence: The use of artificial intelligence including, but not limited to, ChatGPT, Dall-E 2, etc., are prohibited for this course. This means that students are not allowed to use artificial intelligence to complete assignments or pass off work as their own. The MindTap Homework application offers excellent explanation for question answers that I believe will be much more helpful to you than AI. Though not allowed on homework assignments or exams, artificial intelligence may offer students a quick way to help organize information when studying and preparing for quizzes or exams. The use of AI to develop study plans or tools is allowed. Please keep in mind that the information received from AI text generators is not always accurate or complete and could create further confusion on course concepts.

University Policies:

CLASSROOM BEHAVIOR

Students and faculty are responsible for maintaining an appropriate learning environment in all instructional settings, whether in person, remote, or online. Failure 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 [classroom behavior policy](#), the [Student Code of Conduct](#), and the [Office of Institutional Equity and Compliance](#).

REQUIREMENTS FOR INFECTIOUS DISEASES

Members of the CU Boulder community and visitors to campus must follow university, department, and building health and safety requirements and all public health orders to reduce the risk of spreading infectious diseases.

The CU Boulder campus is currently mask optional. However, if masks are again required in classrooms, students who fail to adhere to masking requirements will be asked to leave class. Students who do not leave class when asked or who refuse to comply with these requirements will be referred to Student Conduct & Conflict Resolution. Students who require accommodation because a disability prevents them from fulfilling safety measures related to infectious disease will be asked to follow the steps in the "Accommodation for Disabilities" statement on this syllabus. For those who feel ill and think you might have COVID-19 or if you have tested positive for COVID-19, please stay home and follow the [further guidance of the Public Health Office](#). For those who have been in close contact with someone who has COVID-19 but do not have any symptoms and have not tested positive for COVID-19, you do not need to stay home.

ACCOMMODATION FOR DISABILITIES, TEMPORARY MEDICAL CONDITIONS, AND MEDICAL ISOLATION

[Disability Services](#) determines accommodations based on documented disabilities in the academic environment. If you qualify for accommodations because of a disability, submit your accommodation letter from Disability Services to your faculty member in a timely manner so your needs can be addressed. Contact Disability Services at 303-492-8671 or dsinfo@colorado.edu for further assistance.

If you have a temporary medical condition or required medical isolation for which you require accommodation, you must email me as soon as possible. Also 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 Honor Code may include but are not limited to: plagiarism (including use of paper writing services or technology [such as essay bots]), 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 Student Conduct & Conflict Resolution: honor@colorado.edu, 303-492-5550. Students found responsible for violating the [Honor Code](#) will be assigned resolution outcomes from the Student Conduct & Conflict Resolution as well as be subject to academic sanctions from the faculty member. Visit [Honor Code](#) for more information on the academic integrity policy.

SEXUAL MISCONDUCT, DISCRIMINATION, HARASSMENT AND/OR RELATED RETALIATION:

CU Boulder is committed to fostering an inclusive and welcoming learning, working, and living environment. University policy prohibits [protected-class](#) discrimination and harassment, sexual misconduct (harassment, exploitation, and assault), intimate partner violence (dating or domestic violence), stalking, and related retaliation by or against members of our community on- and off-campus. These behaviors harm individuals and our community. The Office of Institutional Equity and Compliance (OIEC) addresses these concerns, and individuals who believe they have been subjected to misconduct can contact OIEC at 303-492-2127 or email cureport@colorado.edu. Information about university policies, [reporting options](#), and support resources can be found on the [OIEC website](#).

Please know that faculty and graduate instructors have a responsibility to inform OIEC when they are made aware of incidents related to these policies regardless of when or where something occurred. This is to ensure that individuals impacted receive an outreach from OIEC about their options for addressing a concern and the support resources available. To learn more about reporting and support resources for a variety of issues, visit [Don't Ignore It](#).

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. In this class, you must notify me of conflicts with exams or homework deadlines within the first 2 weeks of the semester.

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

MENTAL HEALTH AND WELLNESS

The University of Colorado Boulder is committed to the well-being of all students. If you are struggling with personal stressors, mental health or substance use concerns that are impacting academic or daily life, please contact [Counseling and Psychiatric Services \(CAPS\)](#) located in C4C or call (303) 492-2277, 24/7.

Free and unlimited telehealth is also available through [Academic Live Care](#). The Academic Live Care site also provides information about additional wellness services on campus that are available to students.

Tentative Course Schedule*

| Week | Topics/Chapters | Assignments | Assignment Due Dates |
|--|---|---|---|
| Week 1: 1/15-1/21 1/15 - NO CLASS MLK Day | Syllabus Chapter 1: Principles of Economics | Register iClicker/iClicker app Chapter 1 Homework (ungraded) | 1/17 at 10:00am 1/21 at 11:59pm |
| Week 2: 1/22-1/28 | Chapter 2: Thinking Like an Economist Chapter 7: Efficiency of Markets Chapter 9: International Trade | Chapter 2 Homework Chapter 9 Homework | 1/28 at 11:59pm 1/28 at 11:59pm |
| Week 3: 1/29-2/4 | Chapter 10: Measuring a Nation's Income Chapter 11: Measuring the Cost of Living | Chapter 10 Homework | 2/4 at 11:59pm |
| Week 4: 2/5-2/11 | Chapter 11 (continued) Chapter 12: Production & Growth | Chapter 11 Homework Chapter 12 Homework | 2/11 at 11:59pm 2/11 at 11:59pm |
| Week 5: 2/12-2/18 | Wrap-up & Review for MIDTERM 1 | MIDTERM 1 Covers Chapters 1,2,7,9,10,11,12 | In class on Fri. 2/16 |
| Week 6: 2/19-2/25 | Chapter 13: Saving, Investment, & The Financial System | Chapter 13 Homework | 2/25 at 11:59pm |
| Week 7: 2/26-3/3 | Chapter 14: The Basic Tools of Finance Chapter 15: Unemployment | Chapter 14 Homework Chapter 15 Homework | 3/3 at 11:59pm 3/3 at 11:59pm |
| Week 8: 3/4-3/10 | Chapter 16: The Monetary System | Chapter 16 Homework | 3/10 at 11:59pm |
| Week 9: 3/11-3/17 | Chapter 17: Money Growth and Inflation | Chapter 17 Homework | 3/17 at 11:59pm |
| Week 10: 3/18-3/24 | Wrap-up, review, and take MIDTERM 2 Introduction to Open Economy Macroeconomics (on 3/22) | MIDTERM 2 Covers Chapters 13,14,15,16,17 | In class on Wed. 3/20 |
| Week 11: 3/25-3/31 | NO CLASS - SPRING BREAK | NO CLASS | NO CLASS |
| Week 12: 4/1-4/7 | Chapters 18 & 19: Open Economy Macroeconomics | Chapter 18 Homework | 4/7 at 11:59pm |
| Week 13: 4/8-4/14 | Chapter 19 (continued) Chapter 20: Aggregate Demand and Aggregate Supply | Chapter 19 Homework | 4/14 at 11:59pm |
| Week 14: 4/15-4/21 | Chapter 20 (continued) | Chapter 20 Homework | 4/21 at 11:59pm |
| Week 15: 4/22-4/28 | Chapter 21: The Influence of Monetary and Fiscal Policy Chapter 23: Debates over Macroeconomic Policy | Chapter 21 Homework | 4/28 at 11:59pm |
| Week 16: 4/29-5/5 5/3 - NO CLASS Reading Day | Wrap up & Review for Final | FINAL Covers Chapters 1,2,7,9,10-21 | Saturday, May 4th 4:30-7pm in our usual classroom |

* Any changes to assignment due dates will be clearly communicated during lecture and posted on the course Canvas page. Exam dates will not change.