

# ECON 3080-001 INTERMEDIATE MACROECONOMIC THEORY

University of Colorado Boulder  
Department of Economics  
Fall 2023

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<b>Instructor:</b>	Lucas Ladenburger	<b>Time:</b>	TTh 11 – 12:15
<b>Email:</b>	<a href="mailto:Lucas.Ladenburger@colorado.edu">Lucas.Ladenburger@colorado.edu</a>	<b>Place:</b>	GUGG 205
<b>Office:</b>	ECON 304	<b>Office Hours:</b>	Th 12:20 - 1:30, F 1:30 - 2:30

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**Course home page:** <https://canvas.colorado.edu/>

**Course Description:** This course will provide students with the tools to analyze the macroeconomy using mathematical and graphical models. The course is divided into two parts. First, we will study theories of the economy in the long run, paying attention to issues including the determinants of economic growth, inflation and the money supply, exchange rates, and unemployment. We will then turn our attention to the economy in the short run, studying the business cycle and stabilization policy. Throughout, we will emphasize the application of theoretical models to the study of current economic issues and consider the goals and effectiveness of several economic policies.

**Required Textbook:** Mankiw, N. Gregory, Macroeconomics (11<sup>th</sup> edition) + Achieve Essentials.

- Homework assignments will be completed in Achieve. As such, please ensure you have access to Achieve, either through the CU Book Access program, or by purchasing directly from the publisher if you choose to opt out of CU Book Access.

## Prerequisites:

- ECON 2020
- ECON 1088 or MATH 1081 or MATH 1300 or MATH 1310 or APPM 1350.

## Grading Policies:

Attendance/Participation .....	5%
Learning Curve .....	10%
Homework .....	10%
Quizzes .....	15%
Midterm 1 .....	18%
Midterm 2 .....	18%
Final Exam .....	24%

## Letter Grade Distribution:

93.00 - 100.00	A	73.00 - 76.99	C
90.00 - 92.99	A-	70.00 - 72.99	C-
87.00 - 89.99	B+	67.00 - 69.99	D+
83.00 - 86.99	B	63.00 - 66.99	D
80.00 - 82.99	B-	60.00 - 62.99	D-
77.00 - 79.99	C+	0.00 - 59.99	F

### Course Policies:

- **Attendance/Participation:** Attendance for the course is required. Participation will be logged via clicker questions during each lecture. Daily clicker points will be assigned 2/3 for attendance and 1/3 for correct answers. The three lowest scoring days will be dropped.

Unfortunately, the space we are in has insufficient wifi for the entire class to reliably use iClicker mobile polling on your personal devices. Therefore, you will need to obtain an iClicker + remote for use in class. You may be able to check one out from the Norlin circulation desk for the semester, on a first-come, first-served basis. You will also need to have an iClicker student app account, and register your clicker there. You will not be able to use the iClicker student app to vote in class.

- **Learning Curve/Homework/Quizzes:** Weekly assignments will be completed through Achieve. These are designed to test your knowledge of material presented in lectures as well as in the text. Learning Curve and Homework assignments allow unlimited attempts (Homework assigns a small penalty for each incorrect attempt). Quizzes allow only one attempt. The two lowest scores for each of the three assignment categories (Learning Curve, Homework, and Quizzes) will be dropped. Due dates will be posted to Canvas.
- **Exams:** All exams (midterms and final) will be completed in-person, paper and pencil.

**Midterms:** I will not give any early or make-up exams. In the case that you have to miss a midterm due to a family or medical emergency, you must provide documentation to justify that absence before the scheduled exam time, and the weight for that midterm will be added to the final exam. In all other cases, a missed exam will result in a grade of zero for that exam.

**Final exam:** The final exam is cumulative. If you have 3 or more finals on the same day, you can arrange to take the last exam(s) at an alternate time. **However, you must notify me of this no later than the 10th week of the semester (by Nov 3<sup>rd</sup>) and provide proof that it is your 3rd or more exam on that day.**

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

- **Email:** In addition to office hours, please always feel free to reach out via email. Please use my colorado.edu email address, I do not monitor the Canvas messaging platform. I will try to respond to all emails by the end of the following business day. According to FERPA, I am not allowed to discuss grades via email. If you have any questions or concerns about your grade, please come see me during office hours.

## 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](mailto:dsinfo@colorado.edu) for further assistance.

If you have a temporary medical condition or required medical isolation for which you require accommodation, 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](mailto: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](mailto: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. If you have a conflict, please make arrangements with me no later than the first week 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 Outline:** (Note that the weekly coverage might change depending on our progress.)

<b>Week</b>	<b>Date</b>	<b>Content</b>
<b>1</b>	Aug 28-Sept 3	Syllabus, The Science of Macro (Chapter 1)
<b>2</b>	Sept 4-10	The Data of Macro (Chapter 2), National Income (Chapter 3)
<b>3</b>	Sept 11-17	The Monetary System (Chapter 4)
<b>4</b>	Sept 18-24	Inflation (Chapter 5)
<b>5</b>	Sept 25-Oct 1	Review, <b>Midterm 1 on Sept 28</b>
<b>6</b>	Oct 2-8	The Open Economy 1 (Chapter 6)
<b>7</b>	Oct 9-15	Unemployment and the Labor Market (Chapter 7)
<b>8</b>	Oct 16-22	Capital Accumulation (Chapter 8)
<b>9</b>	Oct 23-29	Population Growth and Technological Progress (Chapter 9), Growth Empirics (Chapter 10)
<b>10</b>	Oct 30-Nov 5	Review, <b>Midterm 2 on Nov 2</b>
<b>11</b>	Nov 6-12	Economic Fluctuations (Chapter 11)
<b>12</b>	Nov 13-19	Aggregate Demand 1 (Chapter 12)
<b>13</b>	Nov 20-26	<b>Fall Break, No Class</b>
<b>14</b>	Nov 27-Dec 3	Aggregate Demand 2 (Chapter 13)
<b>15</b>	Dec 4-10	The Open Economy 2 (Chapter 14)
<b>16</b>	Dec 11-14	Aggregate Supply (Chapter 15), Final Review
<b>Final Exam</b>	<b>Dec 19</b>	<b>Tuesday, 1:30 p.m. - 4:00 p.m.</b>