



**OFFICE HOURS:** Tue, Wed, Thurs: 1 pm –2:30 pm and via appointment on [Zoom](#)  
**ZOOM:** <https://cuboulder.zoom.us/my/alpnabhatia>  
**EMAIL:** [alpna.bhatia@colorado.edu](mailto:alpna.bhatia@colorado.edu)  
**PHONE:** +1720-609-7071 works well for quick text messages.  
**CLASS WEBSITE ACCESS VIA** [CANVAS](#).

### INSTRUCTOR

Dr Alpna Bhatia (Dr B) has a Ph.D. in Economics from the University of Colorado at Boulder and has taught for 20+ years. Her areas of academic research and interest include gender issues, macroeconomic issues, sustainable development, and now focuses on teaching pedagogy. Outside of class, Dr B is the chief experimenter in her kitchen, master list maker, and (more than) occasional killer of plants.

### COURSE DESCRIPTION

*General Catalog:* Discusses money, financial institutions, and the monetary-financial system in a modern economy.

This course is designed as an advanced course to provide an understanding of money, financial institutions, and the monetary-financial system in a modern economy. We will explore the structure of money, banking, and financial institutions. The role of the Federal Reserve as the central bank will be examined. Finally, the course will introduce current issues in money supply and monetary policy.

### COURSE OBJECTIVES

By the end of the course, you should be able to:

- Apply algebraic, graphical and calculus tools to macroeconomic theory.
- Analyze and explain economic situations encountered in the real world that involve macroeconomics.
- Acquire the ability to think about complex economic issues in a logical objective manner.
- Discriminate between solutions to macroeconomic problems, and common misconceptions.
- Evaluate different economic arguments and interpret the reasons why some are well-founded, while others are not.
- Communicate the results of macroeconomic analysis in a clear and professional way.
- Further your analytical, research and writing skills.

### COURSE PREREQUISITE

Requires prerequisite courses of [ECON 2020](#) (Principles of Macroeconomics) and [ECON 1088](#) or [MATH 1081](#) or [MATH 1300](#) or [MATH 1310](#) or [APPM 1350](#) (math and Calculus) (all min grade C-). Restricted to students with 22-180 units completed.

### COURSE WEBSITE

Our course is on [Canvas](#). You will access your textbook (Connections, notes, any further additional readings and most importantly your grades via Canvas. Please check Canvas frequently for any relevant notifications/changes that may occur throughout the course. To access Canvas

- Login using your CU-Boulder identikey and password at <https://canvas.colorado.edu>
- Under Course List, click “**Econ 3080-581: Intermediate Macroeconomics**”

## COURSE MATERIALS

**Textbook (required):** Mankiw, N. Gregory, **Macroeconomics**, 11<sup>th</sup> edition with access to Achieve. Achieve is where you will read your textbook and complete some graded assignments. You will access Connect through our course website, Canvas.

**Purchase options:** Day “1” Digital Access in Canvas Course: 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 which will appear on your tuition and fee bill as “Day 1 Digital Access”.

What does this mean for you?

- i. You will receive access to all your course materials, digitally, on the first day of classes, through the course Canvas page.
- ii. You will see a “Day 1 Digital Access” charge on your tuition and fee bill for: **\$97.18**
  - a. This is a guaranteed lowest price, discounted by the publisher, and not available outside this course
  - b. You have the option to opt out. This means you will not pay for anything, but you lose all access to the course materials. You can opt out by using a link in a reminder email you will receive with the subject heading “Day 1 Digital Access”.
  - c. You must opt out no later than **Sept 14<sup>th</sup>**, otherwise you will be charged for the materials.
- iii. 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. You will then need to buy the e-book from MacMillan Learning
- iv. If you have questions about **billing**, email: [digital@cubookstore.com](mailto:digital@cubookstore.com)

**There is grace access to Achieve till Sept 5<sup>th</sup>.** This means if you are waiting for financial aid or want to delay payment for any reason, choose the free trial/courtesy access option when registering. Connect will alert you when the free trial has expired and will prompt you to pay. Your coursework and grades will then continue seamlessly.

- You may purchase or rent a used paper text if you prefer but you **must have** access to Achieve.

## SUPPLEMENTAL READINGS AND DATA EXERCISES

Supplemental readings and other materials will be provided in Canvas system. Unless marked as optional these are **REQUIRED** readings. You will be tested on these. You will need to activate the University provided subscription to Wall Street Journal and New York Times. **Data exercises** will require you to manipulate and interpret data related to the macro-economic issues. These data exercises will be accessed through Canvas, Econ Low Down or FRED.

## INSTRUCTIONAL METHODOLOGY AND DELIVERY

This course is completely delivered, **asynchronously** using the CU Canvas system. This is a 100% online course, with NO real-time meetings. This format will use a combination of readings, online discussion, and other web-based resources available online for you to access when it best suits your schedule, and assignments available to complete prior to the deadlines listed in the schedule. You will interact with the instructor and other students using Canvas. You will submit assignments in accordance with the course outline using Canvas.

## GENERAL COURSE ANNOUNCEMENTS

Will be made on the course home page on Canvas or via email. Please check the course “announcements” section, and your official “Colorado.edu” email account in a timely fashion. You should choose to have canvas “notify” you immediately for course announcements.

## COURSE OUTLINE

The course content is broken into 14 lecture modules. We will cover a module per week. In general, syllabi will not be changed once the semester begins. I will notify all students if any changes, should they occur, in a timely manner in writing via email/Canvas. Review the weekly class schedule titled “Course Outline” found on Canvas under the “Syllabus” link

**EVALUATION AND GRADING**

Multiple techniques and performance measures will be used throughout the course to assess student mastery of the content, competencies, and learning outcomes. Course grades will be determined by the completion of assignments, exams, and discussions, as shown below:

Type of Assessment	Times offered	Number counted towards grade	Points per Assignment	Grade Points	Grade Percentage
Prep	14	13	10	130	13
Learning Curve	12+	12	5	60	6
Assignment	12	11	30	330	33
Recap	11	10	10	100	10
Exam Discussions	2	2	10	20	2
Class Connections	14	2	5	10	1
Midterm	1	1	150	150	15
Cumulative Final	1	1	150	150	15
<b>Grade</b>	<b>Total</b>			1000	100

*\*Please keep a copy of all work created for the course, including work submitted through Canvas*

**COURSE GRADING CRITERIA**

I assign letter grades based on the following criteria:

Grade	Percentage Grade	Equivalent Points	Indicates
<b>A</b>	93-100	930 – 1000	Excellent
<b>A-</b>	90-92.99	900 – 929	
<b>B+</b>	87-89.99	870 – 899	
<b>B</b>	83-86.99	830 – 869	Above Average
<b>B-</b>	80-82.99	800 – 829	
<b>C+</b>	77-79.99	770 – 799	

Grade	Percentage Grade	Equivalent Points	Indicates
<b>C</b>	73-77.99	730 – 769	Average
<b>C-</b>	70-72.99	700 – 729	
<b>D+</b>	67-69.99	670 – 699	
<b>D</b>	63-67.99	630 – 669	Below Average
<b>D-</b>	60-62.99	600 – 629	
<b>F</b>	0-59	600 or lower	Fail

**TYPE OF ASSESSMENTS**

**PREP:** There will be a weekly (Econ) Prep activity that will revolve around math or writing about economics being used that week or concepts necessary to be successful in that module. Each Prep Assignment is worth 10 points. These are open book and open note. There will be 14 Prep activities, in total, and the lowest of these prep assignments will be dropped from your final grade calculation. These are due by **Wednesday** midnight of each module. Credit is awarded only when completed by the due date. Budget about **30 minutes** per module prep.

**LEARNING CURVES:** Each chapter has an associated Learning Curve activity on Achieve, worth 5 points. Students complete this activity by answering questions until they reach the target score. Once students reach the target score, they receive full credit (a grade of 100%) for completing the activity. Students may continue answering questions to

review even after they have completed the activity or after the due date has passed BUT credit is awarded only when completed by the due date. I will count your 12 best SmartBook scores so you can use these judiciously. SmartBook assignments are due by **Friday** midnight of each module, but I highly encourage you to start them earlier in the week. Budget about **30-60** minutes per Smart Book assignment. You can do these over multiple days as well.

**MODULE ASSIGNMENTS:** Each module there is a 30-point problem set, discussion, or data exercise (or a combination thereof) assignment. There will be twelve (12) Assignment activities, in total, and the lowest of these will be dropped from your final grade calculation. Budget around **2 hours** per module assessment.

**PROBLEM SETS:** Problem sets will include a combination of multiple choice, calculations, and short answer questions and will be open book and open notes. Take these seriously to prepare for exams. Problem Sets are due **Sunday** midnight and credit is awarded only when completed by the due date.

**Data exercises** will require you to manipulate and interpret data related to the macro-economic issues. These data exercises will be accessed through Canvas, Econ Low Down or FRED. The exercises are due by **Sunday** midnight.

**Discussions** will occur asynchronously; I will post a discussion question and you will respond to the questions at your convenience prior to the due date. The discussion post will need to be completed by **Friday** midnight and peer evaluation will be due by **Sunday** midnight. ***A reply that simply agrees or likes the original post will not be considered for full credit.***

**RECAP** exercises will require you to reflect on the module that is getting over. You may be tasked with writing, concept maps, or making up a question missed on the problem set. Recap exercises are due by **Sunday** midnight. Budget about **1 hour** for these.

**Exam Discussions** will help focus on how we can collaborate with our peers to study better

*A grading rubric and more detailed information is available with each discussion and exercise*

**CLASS CONNECTIONS:** are opportunities for you gain points by making connections with the instructor and with your peers: meet and greet with the instructor, raise a discussion question, answer a discussion question, lead a study group, help a classmate with exam prep and so.

## EXAMS

- **PRACTICE EXAMS** – There will be two (2) practice exams, one before each exam that you can take multiple times as part of the prep for that module.
- **EXAMS**- There are two (2) exams. The exams will be multiple choice, calculations, and short answer questions and will be closed book, and completed on Canvas or Connect in a proctored setting.
- **SCHEDULED TIMES FOR EXAMS:**
  - **Midterm:** Thursday Oct 13<sup>th</sup> - Sunday Oct 16<sup>th</sup>
  - **Final:** Thursday, Dec 8<sup>th</sup> -Sunday Dec 11<sup>th</sup>

**This course requires proctored examinations** which will require planning on your part. Proctors are individuals who administer the exam process following the guidelines provided by University of Colorado Boulder to ensure academic integrity. So, *who can be my proctor?*

**If you are in Boulder or nearby,** you can take your exam:

1. **With me** at the Department of Economics. There is no cost for using this proctor. This option is only on selected days during the exam period.

2. At the **University Testing Center** on-campus in Boulder, CO. There may be a cost for using the testing center. This option is only available M-F during regular business hours.
3. With **Proctorio or a comparable online proctoring service as determined by your instructor**. Online proctoring is a service that uses a webcam and microphone to ensure academic integrity. To use this service, you must have access to a computer with a webcam and a microphone. There is no cost for using this proctor.

**If you outside of Boulder**, you can take your exam:

1. At an **accredited college or university testing center** in your town or nearby. There may be a cost for using this testing center.
2. With **Proctorio or a comparable online proctoring service as determined by your instructor**. Online proctoring is a service that uses a webcam and microphone to ensure academic integrity. To use this service, you must have access to a computer with a webcam and a microphone. There is no cost for using this proctor.

Please see Canvas for detailed information about proctoring, including the contact information for the UTC, Proctorio, and a nationwide list of accredited college or university testing centers. If you are in a rural area or on a military base, you may need to be approved to use a person as a proctor and information is provided on Canvas for this approval process.

### EXTRA CREDIT

Up to 50 points of extra credit may be available (= maximum 5% of the course grade) during the semester for completing certain activities. These extra credit opportunities will be available to all and announced on Canvas. Extra class connection points will roll over for extra credit (max 50 points)

### EXPECTATIONS OF INSTRUCTOR

I take my role as your instructor very seriously. I care about how well you do in this course and that you learn. To that end, it is my commitment to respond individually to the work you submit in this class and to return your work in a timely manner. I typically take a week to grade assignments. IF the grading of your work takes longer, I will keep you informed of my progress and make every effort to return your work with feedback as soon as I can.

I also believe in protecting Student privacy ([Family Education Rights and Privacy Act](#)). I do not publicly post grades and do NOT give out grades on email. You will have to check your grades in the grade book area of Canvas. Often, I will leave comments in the comment box or rubric of the assignment. You must check these comments before you ask me to review your grade.

### COMMUNICATION

- **STUDENT DROP IN HOURS (AKA OFFICE HOURS):** Tues, Wed, Thur: 1-2:30 pm and via appointment on [Zoom](#). I encourage you meet with me frequently. These drop-in hours are set aside for you and me!! I hope that all of you take advantage of these hours to talk about the course, the assignments, or just chat
- **EMAIL:** Email is absolutely the best way to get in touch with me, except in case of emergencies. I try to be prompt about replying to e-mail. However, you should give me about **24-48** hours to respond depending on the nature of the question. All email correspondence must take place using your **Colorado.edu** email address (in which case your email must include your name, and your course number) or your **canvas** account. **Sometimes email gets lost (goes into spam), or slips my notice, so if you have not heard back from me in 2 days, do not hesitate to send another email.**
- **PHONE:** +1 (720) 609-7071. This is my cell phone number. Call, or text me anytime between 10 am – 7 pm MST. IF I do not answer, leave a message, or send a text regarding when it is a good time to get a hold of you and I will call you back. Realize that all questions cannot be answered over the phone, and I may ask to meet with you (on zoom) anyways.

- Please always remind me of what course you are taking! Specially in the beginning of the semester.

## COURSE POLICIES (THINGS THAT AFFECT YOU)

**LATE WORK:** It is your responsibility to turn in each assignment on the required date. In general, there are NO EXTENSIONS but most work for the module can be turned in up to three days late. The grade penalty for this late work is **a reduction by one full letter grade for each 24-hours the assignment is late.**

**Emergencies:** Talk to me, loop me in, and we'll do our best to find a way for you to keep up.

**Anticipated Responsibilities:** If you know in advance that you will have difficulty meeting a deadline (soft or firm) because of school-related, home-related, or extra-curricular related responsibilities, reach out to me **in advance** and we'll try to make a reasonable adjustment.

Realize that I will drop some of your grades so you can miss a whole module and still be ok. The exceptions I may consider are sickness, university excused function, military service, or circumstances beyond the students' control. I reserve the sole right to determine what grounds constitutes a reasonable excuse for missing or submitting a late work assignment. **Late assignments are not accepted for Exams.**

### COURSE WITHDRAWAL POLICY:

Any student who wishes to withdraw from the course must submit a request directly to [Continuing Education](#). For complete information, please visit their website at <https://ce.colorado.edu/resources/topics/dates-and-deadlines-general-info/>

### TUTORING

The Economics Department provides free drop-in tutoring which helps on all core courses in the major, and some on other undergraduate Econ courses at <https://www.colorado.edu/economics/node/513/attachment>.

A list of tutors available for hire is available at <https://www.colorado.edu/economics/node/515/attachment>.

### ADDITIONAL SUPPORT SERVICES

A variety of instructional support services, such as writing center, guidance on personal or educational issues, tutoring questions and library resources are available to the students. For more information about their services, visit their websites linked under modules on Canvas.

### CLASS 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](#).

### 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](mailto: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 does not 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](mailto: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](#).

Plagiarism is a form of academic dishonesty. Plagiarism is defined as the use of another's ideas or words without appropriate acknowledgment. Examples of plagiarism include failing to use quotation marks when directly quoting from a source; failing to document distinctive ideas from a source; fabricating or inventing sources; and copying information from the Internet.

### **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](mailto: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. Because of the flexibility of timing of completion of assignments in this class, you must contact the instructor in at least two weeks in advance if you anticipate a religious holiday may impact your completion of coursework. See the [campus policy regarding religious observances](#) for full details.

### **INCOMPLETE POLICY**

Incomplete grades (IW or IF) are NOT granted for low academic performance. Requests for incomplete grades must be initiated by the student and only when, for reasons beyond their control, the student is unable to complete the class requirements within the semester of enrollment. A substantial amount of work must have been satisfactorily completed before approval for such an incomplete grade is given. If an instructor grants a request for an incomplete, the instructor sets the conditions under which the coursework can be completed and the time limit for its completion or if the class should be retaken.

For more information, please look up <https://catalog.colorado.edu/undergraduate/credits-grading/>

### **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 all public health orders in place

to reduce the risk of spreading infectious disease. 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 policy on [classroom behavior](#) and the [Student Code of Conduct](#). If you require accommodation because a disability prevents you from fulfilling these safety measures, please follow the steps in the “Accommodation for Disabilities” statement on this syllabus.

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. In this class, if you are sick or quarantined, contact me immediately. The CU Boulder campus is currently mask-optional.

## NETIQUETTE

I hope that we will all strive to develop a positive and supportive environment for each other. Due to the nature of the online environment, there are some things to remember regarding one’s online behavior and how it may impact others:

1. Always think before you write. In other words, without the use of nonverbals with your message, your message can be misinterpreted. So please think twice before you hit submit.
2. Keep it relevant. There are places to chat and post for fun everyday stuff. Do not stray from the discussion in the assigned questions.
3. Never use all caps. This is the equivalent of yelling in the online world. It is not fun to read. Only use capital letters when appropriate.
4. Make sure that you are using appropriate grammar and structure. In other words, I do not want to see anyone writing “R U” instead of “are you”. There are people in the class that may not understand this type of abbreviation, not to mention it does nothing to help expand your writing and vocabulary skills. Emoticons are fine if they are appropriate. A smile 😊 is welcome, anything offensive is not.
5. Treat people the same as you would face-to-face. In other words, it is easy to hide behind the computer. In some cases, it empowers people to treat others in ways they would not in person. Remember there is a person behind the name on your screen. Treat all with dignity and respect and you can expect that in return.
6. Respect the time of others. This class is going to require you to work in groups. Learn to respect the time of others in your group and your experience will be much better. Always remember that you are not the only person with a busy schedule, be flexible. Do not procrastinate! You may be one that works best with the pressures of the deadline looming on you, but others may not be that way. The same is true for the reverse. The key to a successful group is organization, communication, and a willingness to do what it takes to get it done.

Website: <http://www.albion.com/netiquette/corerules.html> Compiled by Melissa Landin, Instructor, Dept. of Communication, Inver Hills Community College, [mldin@inverhills.edu](mailto:mldin@inverhills.edu)

## TECHNOLOGY REQUIREMENTS AND SUPPORT

- Visit the official [Canvas Computer Specifications Page](#) for the latest list of recommended system requirements.
- Visit the [Supported Browsers Page](#) for the detailed list of internet browsers in Windows, MacOS, iOS and Android.

## TECHNICAL HELP

- Canvas technical support: Click the “help” (?) icon on the left side of Canvas, once logged in.
- Connect: Help Click the “help” (?) icon on the right side of your webpage, once logged in.
- CU Boulder OIT - 303-735-4357 (5-HELP) or [help@colorado.edu](mailto:help@colorado.edu)
- Students are responsible for maintaining or accessing a computer system capable of participating in all aspects of this course. This includes, but is not limited to, running the Canvas software. If for any reason you are having technical difficulties that are limiting or preventing your full participation in the class, **please**



**contact the appropriate Help desk immediately, and then notify the instructor!** I will work with you to ensure that your online learning experience is not hampered by technical issues. However, I can only help you if you bring the matter to my attention right away.

#### **ADDITIONAL SUPPORT SERVICES**

A variety of instructional support services, such as [writing center](#), [guidance on personal or educational issues](#), tutoring questions and [library resources](#) are available to the students.

#### **SOME TIPS FROM DR B**

- Recognize that most students find economics to be challenging and time consuming.
- Budget smaller chunks of time spread over the week complete any work that module.
- Make sure you pencil in due dates or sync [Canvas calendar](#) to your main calendar for reminders.
- Create virtual study groups : [Zoom](#) and [Google Hangouts](#) are great resources.
- Show up for office hours.
- **In Email: always remind me of what course you are taking!**
- Do not wait until the end of the semester when it is difficult, if not impossible, to correct any difficulties or makeup any missing work.

#### **SOME TIPS FROM PAST STUDENTS**

- Go to office hours.
- Do the Smart book exercises.
- Plan your week.

**I look forward in helping you succeed.**