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Principles of Macroeconomics - ECON 2020-100  
Fall 2025

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**Instructor:** Dr. Mark Valkovci

**Email:** [mark.valkovci@colorado.edu](mailto:mark.valkovci@colorado.edu)

**Office:** ECON 04C

**Website:** [Canvas.colorado.edu](https://Canvas.colorado.edu)

**Zoom contact:** <https://cuboulder.zoom.us/my/markvalkovci>

**Lecture:** TTH 330-445p CHEM 140

**Teaching Assistants:** To Be Announced

Office Hours

M: 11-12p in ECON 04D

TH: 9a-10a in ECON 04D

F: 1130-1230p via Zoom

**INSTRUCTOR BIO:**

Dr. Mark Valkovci received his Doctorate in Economics from the University of Colorado Boulder in 2021. In his research he explores the economic impacts of environmental and labor policies, the political economy of pollution, climate change and many other topics. Mark enjoys teaching macroeconomics and environmental economics due not only to his personal interests in those areas, but also because the connections between the economy and the environment grow ever-more-important for the global society. In his free time, Mark enjoys being a huge nerd by reading books/comics, binge watching the shows/movies, and playing the board/video games of many fandoms. His favorite fandom is Star Wars, but he also spends time exploring the universes of Critical Role, Avatar the Last Airbender, Harry Potter, Doctor Who, Star Trek, Lucifer, Sherlock, and the list grows each year.

**Required Materials**

Our textbook and online homework platform come from Norton Publishing.

*Principles of Macroeconomics with Inquizitive 4<sup>th</sup>* ed, Coppock and Mateer. Norton Publishing

**Top Hat Attendance Tool**

This tool functions very similar to “iClicker” but allows for greater flexibility. Students will need to create a Top Hat account in order to answer in-class questions. We will go over how to register for a Top Hat account during the first week of classes. Please do not register prior to the class discussion.

**\*\*\*\*\*IMPORTANT\*\*\*\*\***

You do not need to purchase anything online or from the bookstore for this course. The materials are provided through a program called CU Book Access. If you drop the course by the drop date you will not be charged for the course materials. The TopHat platform and Norton materials (online homework engine, textbook, and attendance system) are available for purchase if you choose to opt out of CU Book Access. For more information on CU Book Access, please see the bookstore’s website.

### **Recommended Materials**

These materials ARE NOT REQUIRED. However, components of the course were developed using these resources. You may find it helpful to acquire some of these materials (or share with fellow students!) in order to gain additional perspective on numerous macroeconomic topics.

Klein and Bauman *The Cartoon Introduction to Economics Volume 2: Macroeconomics*

A free pdf copy of this book is available on Yoram Bauman's website. If you have trouble locating it, please let me know and I would be happy to send you a link.

Sydsæter, Hammond, Strøm and Carvajal *Essential Mathematics for Economic Analysis 5<sup>th</sup> ed.*

Again, I want to stress that these are **not** required materials! Only purchase them if you feel that you need the additional help that these books provide.

### **COURSE WEBSITE:**

Canvas is our class website:

- Login using your University of Colorado Boulder identikey and password  
<https://canvas.colorado.edu/>
- Under Course List, click "ECON 2020-100: Principles of Macro"
  - o Navigate to the recitations homepage in Canvas to find homework assignments, worksheets, and helpful video guides as well as to keep up-to-date with upcoming assignments
- Note: All email correspondence will be through your CU Boulder email address.
  - Do not use the Canvas email or messages, it is not checked.

### **CLASS EMAILS AND ANNOUNCEMENTS:**

Note: This is optional - To make sure you receive class emails and announcements:

1. Update Canvas email address: Use the "account" link on the left toolbar to update your email and notification settings. Make sure you have all announcements notify you "immediately" because important course information is shared through announcements
  - a. Announcement will also appear on the Canvas course homepage every time you enter the course site
2. Update University email: <https://oit.colorado.edu/identikey-accounts/students> to make sure that the address is the one you regularly check

### **COURSE CONTENT:**

This course covers the fundamentals of macroeconomics theories and principles as well as their practical application. By analyzing national production, unemployment, business cycles, and the impacts of monetary and fiscal policies, you will learn vital tools in understanding the macroeconomy. Since economics is essentially a mathematically-based manner of thinking and problem solving, you will learn how to relate mathematical and economics concepts in order to measure changes in welfare and utility, among other things. My goal for this course is to introduce to you the primary theories and concepts being practiced today and to use real-world examples as much as possible to illustrate the impacts of different economic policies.

### **PREREQUISITES:**

There are no prerequisites for this course. However, economics typically involves a substantial amount of mathematical analysis. You should be comfortable with all levels of algebra for this course. In the first week, we will

do a quick algebra review, and I will post additional exercises on Canvas for you to practice. If you feel you need additional practice or help with the mathematical side of this course, please do not hesitate to reach out to me or your teaching assistant for help!

### **COURSE STRUCTURE:**

This course proceeds through the online book in a module format where each module contains one or more chapters of the textbook. These modules will appear on Canvas and contain links to all required and supplemental assignments. Each module contains textbook readings, end-of-chapter questions, homework assignments, critical thinking questions, lecture slides and supplemental materials for each chapter contained within the module. There are 15 modules scheduled for the course so we will proceed at a pace of approximately one module per week.

### **Quizzes**

Of primary importance to the structure and layout of the course is the implementation of quizzes in place of midterms. Quizzes takes place roughly every 3 weeks in the course. The timing of the quizzes is set regardless of where we are in the material. All quizzes will take place online on Canvas **during class time**. Quizzes are timed with a time limit of 45 minutes. You will have access to an onscreen calculator and whiteboard. The **first quiz occurs on Thursday, September 4<sup>th</sup>** and then quizzes occur every third week (on Thursday) after that date. Quizzes account for a total of 24% of your overall grade in the course. There are five (5) quizzes in total, and I will drop the lowest quiz for the purpose of calculating your course grade.

Completing the quizzes online requires the use of a computer or laptop as well as a strong and stable internet connection. If you do not have access to these requirements, please contact me immediately so that we can make alternative arrangements. Make-up quizzes are only given due to family emergencies and are held during the following week. You must contact me prior to the scheduled quiz in order to take a makeup quiz.

### **Inquizitive Assignments**

In place of traditional reading assignments, this course leverages a fun, active learning based approach in pre-lecture assignments. Using Norton's Inquizitive tool, students will be able to test their understanding of the upcoming material in a gamified setting. Students will answer questions and bet points on each one. Once a student obtains the target activity score, they automatically earn a score of 100% on the assignment. There is no set number of questions. More information on completing Inquizitive assignments will be covered on the first day of class. There is one Inquizitive assignment for each chapter Inquizitive assignments are worth 14% of your course grade. For the purpose of calculating your course grade, I will drop the two (2) lowest Inquizitive assignment scores.

### **Homework (Smartwork)**

There is one homework assignment corresponding to each chapter. The homework assignments will include a mix of multiple choice, matching, graphing, fill-in-the-blank, and ordering questions to help you practice the most important concepts from the chapter. Homework assignments are always due after we have completed the chapter in class. All homework assignments are due at 11:59 pm (Mountain Time) on the assigned due date unless otherwise specified. Late submissions will not be accepted. Homework assignments account for a total of 18% of your course grade. For the purpose of calculating your course grade I will drop your two (2) lowest homework grades.

### **Attendance**

Attendance for this course is mandatory. Attendance is recorded through the TopHat website during lecture through the use of there attendance technology which you can access through the app on your phone or the TopHat website (if you are using your laptop). You do not need iclickers for this class. You may be excused from class for legitimate reasons such as health concerns, including mental health, family emergencies, and other University approved reasons (e.g., athletes may be excused for sporting events). In order to be excused from class please make

sure to email me before the start of class that day. Attendance is worth 10% of your course grade. For the purpose of calculating your course grade, I will drop 2 absences.

### **Recitation**

Recitations are held once a week starting in the second week of classes. They are led by graduate economic student instructors (teaching assistants) who have expertise in the subject material. Your teaching assistant is an invaluable resource to your success in the course! Recitations are designed to allow students to have an instructor-led review of the most important material covered in classes and occur in much smaller settings (20-40 students) so that everyone has the ability to ask questions. Each week, your TA will lead you through a guided worksheet with practice problems and exercises that you will be able to take home to use as a study tool for the quizzes. Recitation is mandatory and worth 14% of your course grade.

### **Final Exam**

University policy requires the implementation of a final examinations in lecture classes. The final exam in this class is comprehensive and will be conducted in class on Canvas just as the quizzes are throughout the semester. The final exam and is worth 20% of your course grade.

### **ASSIGNMENTS AND GRADING:**

Your final grade in this course is determined by a weighted average of attendance, homework, quizzes, recitation, and your final exam score. The final class average will be about 80%.

Assignment Group	Individual Item Weight	Number of Items	Number of Items Dropped from Grade Calculation	Number of Graded Items	Total Weight of Assignment Group
Attendance	0.38%	28	2	26	10%
Homework	1.4%	15	2	13	18%
Inquisitive Assignments	1.08%	15	2	13	14%
Quizzes	6%	5	1	4	24%
Final Exam	20%	1	0	1	20%
Recitation	1.17%	14	2	12	14%
				Total	100%

I will not under any circumstances change or bump up any individual grades at the end of the semester. Any requests for such will be ignored. However, if you believe an error has been made in the calculation of your grade, please contact me immediately.

### **Bonus and Extra Credit**

Throughout the semester there are several opportunities for extra credit. Most of the manners in which extra credit are offered require continued commitment to the coursework and active participation.

#### *1. Perfect Inquisitive Score*

Students who score 100% on **ALL** Inquizitive assignments throughout the semester will earn a 3% bonus on their final exam score

2. *Perfect Attendance*

- a. Any students who attend all lectures will receive a 3% bonus on their final exam score. Important! This does NOT mean that you received a 100% score for attendance. In order to receive this bonus you must not miss any classes (i.e., you cannot use any drops)

3. Other Bonus Opportunities that occur throughout the semester (total of 4%)

Together, it is possible to earn 10% bonus added to your final exam score.

Other extra credit assignments may be posted throughout the semester. However, I only offer extra credit to the entire class. I do not, under any circumstances, allow individual students to complete extra credit or bonus assignments.

### **COURSE RULES AND EXPECTATIONS**

Here I discuss the rules and expectations for students throughout the course of the semester. Infractions against classrooms rules can result in lost attendance points, class suspension or expulsion from the course so please make sure to familiarize yourself with the rules.

1. Be kind and respectful to fellow students, teaching assistants and the instructor
  - a. This rule is of utmost importance and includes all forms of communication with other students. This classroom is a safe space for all people and should be treated in such a way. Making any other student well uncomfortable or unwelcome will **not** be tolerated
2. Absolutely no photography, audio, or video recording of lectures is allowed without express **written** confirmation by myself
  - a. Lectures are recorded and posted to Canvas in a manner accessible to everyone
  - b. I own the copyright to my own work and presentations
  - c. Under Colorado Law it is illegal to record (audio or video) of another person without their explicit consent.
3. No inappropriate language
  - a. This applies to verbal and written communication. Lectures will often start with a series of free-response discussion questions in which students can type their own answer. The posts are anonymous to other students but not to me. If I find that you are making inappropriate comments you will lose your ability to answer discussion questions and forfeit those points.

### **COURSE GRADING SCALE**

Grading Scale	
A	≥ 93%
A-	90-92.99%
B+	87-89.99%
B	83-86.99%
B-	80-82.99%
C+	77-79.99%
C	73-76.99%

C-	70-72.99%
D+	67-69.99%
D	63-66.99%
D-	60-62.99%
F	<60%

### Schedule of All Recitations

Below is the schedule for all recitations. If you are unable to attend your own recitation due to being sick, etc., you may choose to attend another recitation **in that week**. You are not permitted to permanently change your recitation without officially switching your schedule. If you attend a different recitation during the week, you must notify both TA's so that your grade is properly recorded. \* \* \* \* \*The recitation schedule is currently being updated. To avoid any confusion, the recitation schedule will be added to the syllabus during the first week of classes. Check MyCUinfo for your class schedule to see when and where your recitation is held. Remember, recitation begin in the second week of classes!!!

Section	Teaching Assistant	Day	Time	Location

## COURSE POLICIES

### NETIQUETTE

All students should be aware that their behavior impacts other people, even online. I hope that we will all strive to develop a positive and supportive environment and will be courteous to fellow students and your instructor. Due to the nature of the online environment, there are some things to remember.

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.

Make sure that you are using appropriate grammar and structure. In other words, I don't 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 as long as they are appropriate. A smile ☺ is welcome, anything offensive is not.

4. 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.
5. 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,*  
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## TECHNOLOGY REQUIREMENTS AND SUPPORT

What are the basic computer specifications for Canvas?

- Visit the official [Canvas Computer Specifications Page](#) for the latest list of recommended system requirements.

Which browsers does Canvas support?

- Visit the [Supported Browsers Page](#) for the detailed list of internet browsers in Windows, MacOS, iOS and Android.

Skill Requirements

- Students also need to possess basic computer skills, such as:
  - How to use a web browser and word processor
  - How to send and receive email
  - How to locate a file and attach it to an email or upload a file into a course
  - How to copy and paste
  - Must know basic typing skills and keyboard commands
  - Must know basic computer terminology

## TECHNICAL SUPPORT

- Canvas technical support. If you are experiencing issues with Canvas please contact:
  - CU Boulder's Help desk at 303-735-4357 (5-HELP) or [help@colorado.edu](mailto:help@colorado.edu). 5-Help will answer your call: Monday through Friday from 7:30 a.m. to 7:00 p.m., Saturday and Sunday from noon to 6:00 p.m., Closed during [University Holidays](#)
  - On your computer, click the “help” (?) icon on the left side of Canvas, once logged in
  - Within the Canvas App, you can search the Canvas support guides, Report a Problem or chat with Canvas Support 24 hours a day, 7 days a week.
- MyLab tech support:
  - [https://help.pearsoncmg.com/ccng/ccng\\_instr/ccng\\_xmel\\_instr\\_help\\_support\\_bridge.html](https://help.pearsoncmg.com/ccng/ccng_instr/ccng_xmel_instr_help_support_bridge.html) or <https://support.pearson.com/getsupport/s/>

## COURSE POLICIES - 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, marital 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](#).

### **Accommodation for Disabilities, Temporary Medical Conditions, and Medical Isolation**

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.

If you have a temporary illness, injury or required medical isolation for which you require adjustment, please contact Dr. Valkovci as soon as possible either via text (814) 418-0665 or email: [mark.valkovci@colorado.edu](mailto:mark.valkovci@colorado.edu) and reach out to Disability Services.

### **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. Understanding the course's syllabus is a vital part in adhering to the Honor Code. All incidents of academic misconduct will be reported to Student Conduct & Conflict Resolution: [StudentConduct@colorado.edu](mailto:StudentConduct@colorado.edu). 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 abuse (dating or domestic violence), stalking, and related retaliation by or against members of our community on- and off-campus. The Office of Institutional Equity and Compliance (OIEC) addresses these concerns, and individuals who 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](#) including confidential services can be found on the [OIEC website](#).



Please know that faculty and graduate instructors must 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 outreach from OIEC about resolution options and support resources. To learn more about reporting and support for a variety of concerns, visit the [Don't Ignore It](#) page.

### **Religious Accommodations**

Campus policy requires faculty to provide reasonable accommodations for students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. Please communicate the need for a religious accommodation in a timely manner. In this class, you must contact Dr. Valkovci at least 3 days prior to the assignment due date or one (1) week prior to a scheduled exam if there is a schedule conflict with a religious obligation so that alternative arrangements can be made. Dr. Valkovci will not reopen past due assignments or closed exams if contact after the due date has passed. 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.