

ECON 1088-003, Spring 2021  
Monday, Wednesday, and Friday 4:10-5:00 PM

**Instructor:** Evelyn Skoy

**Course Website:** [Canvas](#)

**Email:** [evelyn.skoy@colorado.edu](mailto:evelyn.skoy@colorado.edu)

**Office:** N/A for Spring 2021. Please use the Zoom link for scheduled appointments and office hours: <https://cuboulder.zoom.us/j/93056680581> (Links to an external site.) Passcode: 1088

**Office Hours:**

Mondays	1:45-3:15 PM
Tuesdays	8:30-10 AM
Wednesdays	11:30 AM -12:30 PM
	By appointment

**Required Textbook:**

Essential Mathematics for Economic Analysis, CU Boulder Special Edition ISBN: 1323259236 Authors: Knut Sydsaeter and Peter Hammond (3rd or 4th edition are also acceptable!)

**Prerequisites:**

ECON 1078 or equivalent

**Course Description and Objectives:**

This class is the second of a two course sequence. It is a continuation of ECON 1078 which builds upon the basic foundation developed in that course. We will study derivatives, optimization, and integrals. These are Chapters 6, 7, 8, 9, and 11 in the textbook. These tools will help you better understand the mathematical framework on which economics models are based and help prepare you for more advanced economics.

This class will be "flipped," which means you will be expected to watch a lecture video, read from your book, or perform research prior to attending class. More information on the flipped classroom can be found here: <https://cft.vanderbilt.edu/guides-sub-pages/flipping-the-classroom/>. All lecture materials will be online.

Synchronous meetings will be devoted to questions on the lecture materials, example problems, and practice worksheets. Meeting synchronously will be completely optional.



Grade Item	Percentage
Pre-test	2
Participation	5
Homework	13
Midterm	50
Final	30

### Pre-Test:

A pre-test will be given in the first week of class. The pre-test covers prerequisite material and will be graded only on completion. However, I strongly recommend that you take the test seriously. If you have difficulty with the material in the pre-test, reach out to me as soon as possible so that we can develop a plan for your success.

### Participation:

A participation quiz will accompany each lecture video/material. You will have unlimited attempts on the participation quiz, and I will keep the highest score. However, you must take the participation quizzes by the due dates indicated in Canvas if you would like credit. No make-up quizzes will be given. I will drop your three lowest participation quiz scores.

### Homework:

I will post a homework assignment prior to each exam. You must turn in the homework as specified in the instructions by the time and date that it is due to receive credit. No credit will be given for late homework, so please plan accordingly. Leave yourself enough time to submit the homework in the manner specified in the instructions.

I will randomly select 2-3 homework questions to grade. The remainder of your homework score will be based on completion.

NO MAKE-UP homework assignments will be given. I will drop your lowest homework score.

### Midterm Exams:

There will be 3 midterm exams throughout the semester. I do not give make-up exams, but your lowest midterm score will be dropped. All midterms will be online. I will send out information on the structure and expectations of the exam prior.

If you have documented accommodations, you must notify me with documentation of your accommodation at least one week before the first exam in order for it to apply.



Week	Lecture
1: Jan 15 – Jan 22	<ul style="list-style-type: none"> <li>&lt; Topics: Administration, Introducing Derivatives; <i>No Class 1/18</i></li> <li>&lt; Sections: 6.1, 6.2, 6.5</li> </ul>
2: Jan 25 – Jan 29	<ul style="list-style-type: none"> <li>&lt; Topics: Uses of Derivatives</li> <li>&lt; Sections: 6.3, 6.4, 6.6, 6.7; <b>Pre-test due Aug 31 at noon</b></li> </ul>
3: Feb 2 – Feb 5	<ul style="list-style-type: none"> <li>&lt; Topics: Rules of Derivatives</li> <li>&lt; Sections: 6.7, 6.8, 6.9</li> </ul>
4: Feb 8 – Feb 12	<ul style="list-style-type: none"> <li>&lt; Topics: More Rules of Derivatives and Review</li> <li>&lt; Sections: 6.10, 6.11</li> </ul>
5: Feb 15 – Feb 19	<ul style="list-style-type: none"> <li>&lt; Topics: Using Derivatives; <b>Midterm 1: Feb. 15</b>; <i>No Class 2/17</i></li> <li>&lt; Sections: Ch 6.11, 7.1; <b>Homework 1 due: Feb. 13 at 11:59 PM</b></li> </ul>
6: Feb 22 – Feb 26	<ul style="list-style-type: none"> <li>&lt; Topics: Using Derivatives, Intro to Optimization</li> <li>&lt; Sections: 7.2, 7.7, 7.8</li> </ul>

or political philosophy. For more information, see the policies on [classroom behavior](#) and the [Student Code of Conduct](#).

### 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 public health orders in place to reduce the risk of spreading infectious disease. Required safety measures at CU Boulder relevant to the classroom setting include:

- maintain 6-foot distancing when possible,

- wear a face covering in public indoor spaces and outdoors while on campus consistent with state and county health orders,

- clean local work area,

- practice hand hygiene,

- follow public health orders, and

- if sick and you live off campus, do not come onto campus (unless instructed by a CU Healthcare professional), or if you live on-campus, please alert [CU Boulder Medical Services](#).

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 policies on [COVID-19 Health and Safety](#) and [classroom behavior](#) and the [Student Code of Conduct](#). If 2 reW\*ñ0.0667nduct

## 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 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](#).

## 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