

ECON 1088-001, Spring 2021  
Monday, Wednesday, and Friday 10:20-11:10 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

Please allow 24 hours for me to respond to your emails or 48 hours if it is on the weekend. Emails should include which section of 1088 you are in or the time at which your section meets. Grades will not be discussed over email. Emails regarding grades will receive a reply of "Office hours."

#### Expectations for lecture:

- < Before each scheduled class meeting time, you will be expected to consume the lecture materials that were posted on line (usually a lecture video).
- < For each lecture, there will be an accompanying participation quiz. You must take the quiz prior to the due date of that quiz. You may take participation quizzes as many times as you'd like, and I will keep only your best score.
- < Note down any questions that you have regarding lecture materials. You may bring these questions to the synchronous meetings or you can ask these questions during virtual office hours!
- < I will not record attendance at synchronous classes.
- < I will keep track of participation for the first two weeks of class. If you fail to take any participation quizzes, you will be administratively dropped from my class according to departmental procedure

#### Synchronous Meetings:

- < Synchronous



### Final Exam:

The final exam is cumulative. The final exam will be given during the university assigned date and time. This date is non-negotiable. The only exception to this standard is if you have 3 final exams scheduled on the same day; in this circumstance, you must notify me before the 11th week of the semester.

### Distribution:

Letter Grade Cutoffs: Let your grade be "x"

| Grade | Percentage       | Grade | Percentage       |
|-------|------------------|-------|------------------|
| A     | $93 \leq x$      | C     | $73 \leq x < 77$ |
| A-    | $90 \leq x < 93$ | C-    | $70 \leq x < 73$ |
| B+    | $87 \leq x < 90$ | D+    | $67 \leq x < 70$ |
| B     | $83 \leq x < 87$ | D     | $63 \leq x < 67$ |
| B-    | $80 \leq x < 83$ | D-    | $60 \leq x < 63$ |
| C+    | $77 \leq x < 80$ | F     | $x < 60$         |

Grades will be u6 431.13 431.1Bibot 67.0The ( b)-5(on)18(-5(r)4r4(y)2t 67.0hol)-5u15 5r.

| 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