University of Colorado - Department of Economics
Mathematical Tools for Economists 1
Econ 1078 - 001
Spring 2024


Dr. Alexander Cauley (alexander.cauley@colorado.edu)

ECON 10

Monday, Wednesday, and Friday from 10:10 AM – 11:00 AM in ECON 119.

Monday and Wednesday from 11:15 AM - 12:15 PM; Friday from 12:15 PM – 1:15 PM; and by appointment.

https://canvas.colorado.edu/courses/102803

Note: Please direct all emails to my CU email address instead of using Canvas messaging.

None

*Essential Mathematics for Economic Analysis* (4th edition) by Knut Sydsaeter, and Peter Hammond with Arne Strom. Other versions are acceptable; however, chapter numbers may differ. It is your responsibility to match up the chapter topics. You will use this textbook in ECON 1088. There should be a copy of the textbook on reserve in Norlin Library. You may check it out for 24 hours.

Partial attendance for the first three classes is mandatory or you will be administratively dropped from the class to make room for attending students on the waitlist. While attendance will not be taken for the other days, it is strongly suggested that you attend all classes. You are responsible for all information covered in class lectures. If you miss a class, please get notes from one of your classmates. Throughout the semester, I will randomly assign in-class worksheets which you will complete in groups or individually. These worksheets will not be graded for accuracy, and you will receive extra credit toward an upcoming examination for completing them.

Your course grade will consist of two midterm exams, a cumulative final exam, and homework assignments. Each portion of your grade will be weighted as follows:

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|---|---|
| Midterm 1 | 15% or 25% * |
| Midterm 2 | 15% or 25% * |
| Final exam | 35% |
| Homework assignments | 25% |

*Assignment of weights for midterm 1 and midterm 2 will depend on your midterm scores. The midterm with your lowest scum0 g5ade wd

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| 94-100 | 90-93 | 87-89 | 83-86 | 80-82 | 77-79 | 73-76 | 70-72 | 67-69 | 63-66 | 60-62 | 59 |

All students