



University of Colorado Boulder
 MATH TOOLS FOR ECONOMISTS 1
 ECON 1078 SYLLABUS SUMMER 2024

INSTRUCTOR MICHELLE (JEONG WON) KO

Email michelle.ko@colorado.edu

Office Hours

- Office Hours: Wednesdays, Thursdays 5pm - 6:30pm using Zoom (<https://cuboulder.zoom.us/j/281430645>)

Michelle
vehicles
recently

TERM START: June 3, 2024

TERM END: July 2, 2024 (with the final exam extending to July 28)

COURSE WEBSITE

Canvas is our class website:

- Login using your University of Colorado Boulder email and password <https://canvas.colorado.edu/>
- Under Course List, click "ECON 1078: Math Tools for Economists 1"
- Note: all email correspondence will be through your CU Boulder email address.
 - o Do not use the Canvas email or messages, it is not checked.

COURSE DESCRIPTION

From General Catalog: Teaches mathematical skills and logical thinking for use in economics. Topics include graphs, functions, and probability. Includes many "Real world" examples and some illustrative computer assignments.

This course is the first of a two-course sequence (ECON 1078 and ECON 1088), designed to introduce a variety of mathematical concepts which will be used extensively in future economics coursework. Math will help you understand and describe the way firms and consumers optimize decisions subject to constraints. It will also provide the building blocks you will use in your statistics and econometrics courses, which will enable you to apply economics to real-world data. This course is fundamental algebra review and a pre-calculus course. Topics include logic, algebra, number theory, set theory, graphs, functions, and more.

COURSE PREREQUISITES

None

CLASS PARTICIPATION

This course is designed to engage you through exercises, however, there will also be class discussions on the topics covered in the course materials. It is important that you participate in class discussions to facilitate learning for other students and gain exposure to different viewpoints of other students in the class.

EVALUATION AND GRADING

Course grade (e-1.3 (cn4N3(u)5.3 (r3(r6.6 (e)-16 (s)-41.6 (e)-2.3(i)-3.3 (gn) d3(i)-3.3)5.6 t.9 (93.3 (gn)r)7.2

2. With Proctorio or a comparable online proctoring service as determined by your instructor. Only proctoring 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 microphone for using this proctor.

Please see Canvas for detailed information about proctoring 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 act as a proctor and information is provided on Canvas for this approval process.

EXTRA CREDIT

Up to 3 points of extra may be available (= 3% of the course grade).

- Up to 3 points extra may be available during the semester for completing certain activities, such as writing a blog and commenting on a podcast, completing special activities, etc. These extra credit opportunities will be determined by the instructor and announced on Canvas.

POLICY ON DUE DATES

Each module you will complete a series of critical thinking questions that reflect material from the various formats and required readings. It is your responsibility to turn in each assignment on the required date. Late

COURSE POLICIES

NETIQUETTE

All students should be aware that their behavior impacts other people, even online. I hope that we will all develop a positive and supportive environment and will be courteous to fellow students and your instructor. Because of 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 or 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 all caps letters when appropriate.
4. Make sure that you are using appropriate grammar and structure. In other words, I don't want to see you writing "R U" instead of "are you". There are people in the class that may not understand this type of shorthand or abbreviation, not to mention it does nothing to expand your writing and vocabulary skills. Emoticons are fine as long as they are appropriate. A smile is welcome, anything offensive is not.
5. Treat people the same as you would 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 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 and 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 instructor. The key to a successful group is organization, communication and a willingness to get it done.

Website: <http://www.albion.com/netiquette/corerules.html>

Compiled by Melissa Landin, Instructor, Dept. of Communication, Inver Hills Community College, mlandin@inverhills.edu

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

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- o CU Boulder's Help desk at 7304 357 (HELP) or help@colorado.edu. 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. Closed during [University Holidays](#)
- o On your computer, click the "help" (?) icon on the left side of Canvas, once logged in
- o Within the Canvas App, you can search the Canvas support guides, Report a Problem or chat Canvas Support 24 hours a day, 7 days a week.
- MyLabtech support:
 - o

Any student who wishes to withdraw from the course must do so by July 14. For complete information, please visit <https://ce.colorado.edu/resources/topics/sublines/onlinecredit/>

ADDITIONAL SUPPORT SERVICES

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