

# ECON 1078 Math Tools for Economists

MWF 2:00-2:50

Room: ECON 117

Instructor: Nicole Mundt

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Office: ECON 309C

Office Hours: Tuesday 3:00-4:00, Wednesday 11:00-12:00 and by appointment

Please allow me 24 hours to respond to all emails. If you need help with course material, please see me during my office hours. If you need more help than can be provided in office hours, consider visiting the department's undergraduate tutor or viewing the department's private tutor list: [http://www.colorado.edu/econ/undergraduate/tutor\\_list.pdf](http://www.colorado.edu/econ/undergraduate/tutor_list.pdf)

Course Description: In order to succeed in economics, a student must be well versed in a variety of mathematical concepts. The purpose of the two Math Tools courses (1078 and its counterpart 1088) is to prepare students for the math they will encounter in future economics coursework.

## Required Materials

Textbook: Essential Mathematics for Economic Analysis. Knut Sydsaster and Peter Hammond with Arne Strom. 4th Edition.

Clicker

## Grading

20% Exam 1

20% Exam 2

30% Final Exam

20% Homework

10% Participation (Clicker Questions)

Exams: Exams can be completed without the use of a calculator. You may use a non-graphing calculator which can assist in addition, subtraction, multiplication or division.

## Tentative Course Outline

Week	Content
Week 1, Jan 15	1.1, 1.2
Week 2, Jan 22	1.3, 1.4, 1.5
Week 3, Jan 28	1.6, 1.7, 2.1
Week 4, Feb 5	2.2, 2.3
Week 5, Feb 12	2.4, 2.5, 4.1
Week 6, Feb 19	4.2, Review, Exam 1
Week 7, Feb 26	4.3, 4.4, 4.5
Week 8, March 5	4.6, 4.7, 4.8
Week 9, March 12	4.9, 4.10, 5.1
Week 10, March 19	5.2, 5.3, 5.4
Week 11, March 26	Spring Break
Week 12, April 2	5.5, 5.6, 3.1
Week 13, April 9	3.2, Review, Exam 2
Week 14, April 16	3.3, 3.4, 3.5
Week 15, April 23	3.6, 2.7, 15.1
Week 16, April 30	15.2, Final Review

Final Exam : Wednesday, May 9th from 1:30 p.m. - 4:00 p.m.

Final will be administered in the same classroom, ECON 117

### University Policies

**Students with Disabilities:** If you qualify for accommodations because of a disability, please submit to me a letter from disability services in a timely manner so that your needs can be addressed. Disability services determine accommodations based on documented disabilities. Contact: 303-492-8671, Center for Community N200.

Religious Observance Policy: Campus policy regarding religious observances requires that faculty make every effort to reasonably and fairly deal with all students who, because of religious obligations, have conflicts with scheduled exams, assignments, or required attendance. If you have a conflict, please contact me at the beginning of the term so we can make proper arrangements.

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