ECON 1078-001
Math Tools for Economists I
Course Syllabus

Instructor: Mallory Keeler
Meets: MWF 1-1:50pm HLMS 211
Email: mallory.keeler@colorado.edu
Web: learn.colorado.edu (D2L)

O ce Hours: ECON 414 (South tower)
MW 2:15 - 4:00 PM
and by appointment

Required Text

Kurt Syds ter, Peter Hammond, and Arne Strom: Essential Mathematics for Economic Analysis 4th Ed., Pearson. Purchase of this edition is highly recommended as ECON 1088 uses the same textbook.

Important Dates

Date	Exam
Friday 9/25	MIDTERM I (Ch. 1-2)
Friday 10/23	MIDTERM II (Ch. 4)
Friday 11/13	MIDTERM III (Ch. 5, *x*15.1-15.2)
Thursday 12/17	FINAL EXAM (Cumulative)
7:30PM-10PM	Regular location: HLMS 211

Course Description

This course is the rst of two important prerequisites that teach key math and logic skills assumed in future economics courses. Topics include algebra, graphs, functions, basic proofs and probability.

Grading

Lecture Participation (15%)

Daily iClicker questions and/or short [partner] quizzes will check for understanding and double as attendance calls throughout the semester. Grade category will be based o 85% of points available with a maximum of 100%. There is no need to email me about absences.

Homework (20%)

Ten (10) assignments will be collected throughout the semester, always on Wednesdays. Each must be handwritten with all work shown and nal answers $\boxed{\text{boxed}}$ where appropriate. Homework can be submitted during class or during o ce hours (see top right). Late assignments turned in within two (2) school days (by Friday) will be accepted for a possible 80% of full credit. Any assignment received by the last day of class (Dec. 11) will be accepted for 50% credit. Each will be graded for completeness plus a few randomly-chosen problems for accuracy. Your lowest score of the ten will be dropped.

Midterm Exams (15% each; 45% total)

All exams are closed notes and closed book, with a short-answer format. For full credit, writing must be clear and a reasonable amount of work must be shown. Midterms are not necessarily cumulative, but keep in mind that lessons tend to build on those previous. Students need only bring a pencil and a recommended scienti c calculator. Paper will be provided. PHONES AND GRAPHING CALCULATORS ARE NOT PERMITTED ON EXAMS.

Final Exam (25%)

Cumulative nal exam will cover Chapters 1-5, as well as any supplementary sections covered during the semester. You can expect the exam to over-sample from Chapter 3 (material covered after MT3). Format will mix T/F, multiple choice, and short-answer questions.