ECON 1078-002

Math Tools for Economists II

M, W, F 10:00-10:50 AM , HUMN 135

Instructor: NA KYEONG LEE

Email: na.lee@colorado.edu
Website:The desire2learn page will have grades throughout the semester
Oce Hours: W : 11:00-12:00, F: 11:00-12:00 at Econ 309C

Textbook:
Essential Mathematics for Economic Analysis, Fourth Edition, Knut Sydster, Peter Hammond, Arne Strm
Lectures will follow the textbook chapters. The third edition of the book is similar, but I will assign homework from the most recent edition and it will be your responsibility to make sure you are doing assigned homework.

Course Description:
This course is the second of a two-course sequence, and continuation of ECON1078. 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.

Prerequisite(s):
ECON 1078 or its equivalent

Class Attendance:
You are responsible for all materials covered in class lectures. Attendance at all lectures is strongly recommended. Missed quizzes and exams **cannot** be made-up for any reason.

Laptops/Tablets:
There is to be no laptop, tablet, or phone use for this case at any time , for any reason.
The only exception to this rule is if disability services mandate that you must be allowed to use a laptop for note taking purposes. In this case, an ocial letter from disability service is required.

Homeworks:
Homework Assignments will be assigned regularly throughout the semester. These assignments will not be graded, but quiz questions will be very similar to those on the homework.

Quizzes:
Quizzes will be given through the semester. Some will be announced ahead of time, some will not. I will drop your lowest quiz grade.

Exams:

Three exams are schedules on the days listed below during regular class time. **Therefore, no early exams, no late exams, and no make-up exams will be given.**

Final Exam:

If you have 3 or more nals scheduled on the same day, you may reschedule all exams after the rst 2. **You must notify me by September 15th in order to reschedule the nal exam.**

Exam Dates and Times:

Midterm 1: Friday Sep.26th
Midterm 2: Friday Oct. 24th
Midterm 3: Friday Nov. 21st
Final Exam: Tuesday. Dec. 16th. 10:30 a.m-1:00 p.m

Gradings:

commodations. The syllabus statements and answers to Frequently Asked Questions can be found at `http://www.colorado.edu/disabilityservices`

Religious Observance Policy

Campus policy regarding religious observances requires that faculty make every e ort to deal reasonably and fairly with all students who, because of religious obligations, have con icts with scheduled exams, assignments or required attendance. In this class, **you must notify me within the rst 3 weeks of class if you will need to miss a midterm or nal exam**. See full details at `http://www.colorado.edu/policies/fac_relig.html`

Classroom Behavior Policy

Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Pd-368((vc)28(h)-368(ho48

Week	Content
Aug 25	6.1-6.3 Syllabus, Pre-Tests Slopes, Derivatives, Tangents, Increasing/Decreasing Functions
Sep 1	Labor Day
Sep 3	6.4-6.6 Rages of Change, Limits