

ECON 1088-200 Syllabus
Mathematical Tools for Economists II
Summer 2013, Term B

There are tentative five in-class team assignments. Both the lowest of the team grades and homework grades will be dropped. Your grade on the three exams will not be dropped under any circumstances. Homework assignments should be turned in at the beginning of class on the due date. Late assignments will not be given any credit. If you have a conflict (3 or more finals on the same day) let me know during the first week so I can make arrangements for

TENTATIVE SCHEDULE

| Week | Section | Topic | TA/HW/Exam |
|--------------|--|--|-----------------------------|
| 7/9 | 6.1, 6.2, 6.3 6.4, 6.5, 6.6 6.7, 6.8, 6.9 | Slopes, Derivatives, Tangents, Increasing/Decreasing Functions Rates of Change, Limits Sums, Products, Quotients, Chain Rule, Higher Order | TA1 |
| 7/15 | 6.10, 6.11 7.1, 7.2, 7.7 | Exponentials, Logarithms Implicit Differentiation, Examples, Elasticities | HW1(due) TA2 |
| 7/19 | 7.8, 7.9 | Continuity, More on Limits. MIDTERM 1 | HW2(due) |
| 7/22 | 8.1, 8.2, 8.3 8.6, 8.7 11.1, 11.2, 11.3(12.3) | Optimization Examples, Local Extrema Inflection Points Functions of Many Variables, Partial Derivatives, Geometry | TA3 |
| 7/29 7/30 | 11.5, 11.6 9.1, 9.2, 9.3 | Many Variables MIDTERM 2 Indefinite Integral Definite Integral and its Properties | HW3(due) TA4 HW4(due) |
| 8/5 | 9.5 9.6 | Integration by Parts Integration by Substitution | TA5 HW5(due) |
| 8/9 | | Final (2:30pm) | |

ADDITIONAL NOTES

Disability Policy:

If you qualify for accommodations because of a disability, please submit a letter from Disability Services in a timely manner so that your needs may be addressed. Disability Services determines accommodations based on documented disabilities. Contact: 303-492-8671, Willard 322. 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 semester so we can make arrangements.

Honor Code:

All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council (honor@colorado.edu; 725-2273). Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion).

Religious Observation 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 no later than this week of the semester so we can make proper arrangements.

Code of Behavior Policy:

Students and faculty each have responsibility for maintaining an appropriate learning environment. Students who fail to adhere to such behavioral standards may be subject to discipline. Faculty has the professional responsibility to treat all students with understanding, dignity and respect, to guide classroom discussion and to set reasonable limits on the manner in which they and their students express opinions. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences or race, culture, religion, politics, sexual orientation, gender variance and nationalities. Class rosters are provided to the instructor with the student's legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records.

Discrimination and Harassment Policy:

The University of Colorado at Boulder policy on Discrimination and Harassment can be found at <http://www.colorado.edu/policies/>