

## **ECON 4070-001 TOPICS IN MICROECONOMICS**

Instructor: Assistant Professor Scott Savage

Office: ECON 11 (south-west corner of basement in economics building)

Address: Department of Economics, 256 UCB, Boulder, Colorado 80309-0256

Email:

Office hours: TR 1.30 - 1.30pm by appointment

Class time: TR 02-31.1pm, GUGG 2005

*Microeconomics*, by David Besanko and Ronald Braeu

answers. Basic requirements for presentation include: name on first page; staple pages; place page numbers on each page; clearly title and label any graphs, tables, etc.; and ensure mathematical notation is clearly legible and readable. Obviously, a word document helps to ensure neat presentation, but it is not necessary.

The mid-term and final examination will consist of short-answer and problem solving questions similar to homework questions and class applications.

There will be no make-up homework assignments or mid-term examination unless there is a proven emergency or other unusual circumstances that have been discussed with the instructor prior to submission/completion dates. If you aware of any problems that may hinder your performance in the class please discuss with the instructor sooner than later. Any student that misses the mid-term examination due to proven emergency or other circumstances may have their final exam re-weighted with instructor approval.

The final examination is scheduled for Saturday, May 2, 7.30-10pm.

Important dates for assessment

Feb 10	Homework 1
Feb 17	Mid-term exam I
Feb 24	Homework 2
Mar 10	Homework 3
Mar 17	Mid-term exam II
April 7	Homework 4
April 21	Homework 5

assist individuals regarding discrimination or harassment can be obtained at <http://www.colorado.edu/odh>.

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](mailto:honor@colorado.edu); 303-725-2273). 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). Other information on the Honor Code can be found at <http://www.colorado.edu/policies/honor.html> and at <http://www.colorado.edu/academics/honorcode/>.

**Table 1. Proposed course outline**

Week	Date	Topic
1.	Jan 13 Jan 15	<b>Part I. Review</b> - Introduction - Mathematical review
2.	Jan 20, 22	- Mathematical review
3.	Jan 27, 29	- Game theory
4.	Feb 3, 5	<b>Part II. Risk &amp; Information</b> - Utility maximization with certainty
5.	Feb 10, 12	- Uncertainty, risk
6.	Feb 17 Feb 19	- <i>Mid-term exam I</i> - Uncertainty, risk
7.	Feb 24, 26	- Insurance & diversification
8.	Mar 3, 5	- Risky assets
9.	Mar 10, 12	<b>Part III. Imperfect Information</b> - Adverse selection
10.	Mar 17 Mar 20	<b>Part III. Imperfect Information</b> - <i>Mid-term exam II</i> - Adverse selection
11.	Mar 24, 26	- <i>No classes, Spring break</i>
12.	Mar 31, Apr 2	- Contracts, moral hazard
13.	Apr 7, 9	- Incentive-compatible contract design
14.	Apr 14, 16	<b>Part IV. Law &amp; Economics</b> - Crime & punishment
15.	Apr 21, 23	- Crime & the Internet
16.	Apr 28, 30	- Last week of class, catch up & review
16.	May 2	- <i>Final examination</i>