

Department of Economics
University of Colorado, Boulder

Economics 7050
Advanced Economic Theory

Syllabus

Professor: Martin Byford
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Lectures: MW 1.30–2.45 ECON 119
Office Hours: 10.00–11.00 MW
Course Website: CULearn

Course Description

This course will cover advanced topics in microeconomics and game theory. Topic that may be covered include general equilibrium theory, fundamental welfare theorems, Walrasian equilibrium, general equilibrium and uncertainty, social choice and mechanism design.

Prerequisites

Econ 7010, 7030, 7818 & 7828.

Prescribed Text

The prescribed textbook is *Microeconomic Theory* by Andreu Mas-Colell, Michael Whinston and Jerry Green. Additional reading may be assigned during the semester. Any additional reading will be listed on the course website.

Assessment

The assessment of this subject consists of three components:

1. Five problem sets will be assigned throughout the semester. Problem sets contribute 30% toward your final grade.
2. Working in groups of two, students will be required to present the solution to an advanced problem at some point during the semester. The solution and presentation contribute 10% toward your final grade.
3. A final exam contribute 60% toward your final grade.

Procedures

1. 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 may be addressed. Disability Services determines accommodations based on documented disabilities. Contact: 303-492-8671, Willard 322, and,

<http://www.colorado.edu/disabilityservices>

Disability Services letters for students with disabilities indicate legally mandated reasonable accommodations. The syllabus statements and answers to Frequently Asked Questions can be found at,

<http://www.colorado.edu/disabilityservices>

2. 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. You must inform me at least seven days in advance of any conflict due to a religious observance in order for alternative arrangements to be made. See full details at,

http://www.colorado.edu/policies/fac_relig.html

3. 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 of race, culture, religion, politics, sexual orientation, gender variance, and nationalities. See policies at:

<http://www.colorado.edu/policies/classbehavior.html>

http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_code

4. 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; 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>

<http://www.colorado.edu/academics/honorcode/>

5. The University of Colorado Policy on Sexual Harassment applies to all students, staff and faculty. Sexual harassment is unwelcome sexual attention. It can involve intimidation, threats, coercion, or promises or create an environment that is hostile or offensive. Harassment may occur between members of the same or opposite gender and between any combinations of members in the campus community: students, faculty, staff, and administrators. Harassment can occur anywhere on campus, including the classroom, the workplace, or a residence hall. Any student, staff or faculty member who believes s/he has been sexually harassed should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127 or the Office of Judicial Affairs at 303-492-5550. Information about the ODH and the campus resources available to assist individuals who believe they have been sexually harassed can be obtained at:

<http://www.colorado.edu/odh/>