UNIVERSITY OF COLORADO Department of Economics

Economics 7010-001
Microeconomic Theory 1
Fall 2010

Professor Jennifer Lamping Office: Economics 103

Email: jennifer.lamping@colorado.edu

Lectures: MW 12:00pm - 1:15pm, Economics 119 Office Hours: W 10:15am - 11:45am, Economics 103

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Course Website: http://spot.colorado.edu/~lamping/7010.html

Course Description

This course is the first of three semester courses that develop the basic tools and results of modern microeconomic analysis. The first semester course covers individual decision making and optimization theory.

The course is highly technical. Although mathematical tools will be taught as needed, it is assumed that you are well-versed in the material covered in Math Camp and comfortable with mathematical notation.

Course Structure

The course will consist of lectures, readings, assignments, and exams. Readings will be primarily from the required textbooks, *Microeconomic Theory* by Mas-Colell, Whinston, and Green and A First Course in Optimization Theory by Sundaram. Additional readings will be made available on the course website.

Assignments will take the form of problem sets. In general, assignments will be made available every Wednesday on the course website and due in lecture one week later. Solutions will be posted on the course website shortly thereafter. Assignments are to be completed in groups of three to four students. Groups will be assigned on the first day of class.

There will be one midterm exam and one final exam. Exams will be held in class and completed individually.

Textbooks

The required textbooks are

- Microeconomic Theory by Andreu Mas-Colell, Michael D. Whinston, and Jerry R. Green
- A First Course in Optimization Theory by Rangarajan K. Sundaram

The following four textsm / F2.0 cm BT 50 0 0 5 0 Tm / F1

Tentative Course Schedule

Date Topic Required Readings Assignments

Aug 23 Mathematical Preliminaries

Date Topic Required Readings Assignments

Oct 11 Correspondences and the