ECON 6202-U90
Advanced Microeconomic Theory
Fall 2017

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Office hours: After class or by appointment (open door policy)

Course Description and Prerequisites: The only prerequisite for this course is admission to the graduate program. This course focuses on price theory and the theory of the firm (i.e. consumer and producer theory). Depending on time, I will also cover topics in game theory.

Course Objectives: The objective of this course is to provide rigorous treatment of a modern microeconomic theory.

Reading: The course will closely follow my notes which will be given in class.

The recommended by not required text book is Intermediate Microeconomics with Calculus, Hal R. Varian. + the “Workouts” book if you are seeking extra practice. (this is available in the book store).

A similar text that can also be used as a reference:

Grading: There will be a series homework sets (which can be completed in teams of 2 or 3, and are due the week following posting), two mid-term exams, and a cumulative final exam. All exams are closed-book. The breakdown of grades is as follows:

Exam 1: 25%  
Exam 2: 25%  
Final Exam: 40%  
Homework: 10%

Please make sure that you will be able to attend class on all exam dates. Missed exams will not be rescheduled, and will only be excused without penalty if the absence is due to a verifiable emergency or some other reason that the university officially recognizes as legitimate. In this case, the weight of all future exams in the course will be scaled up proportionally. Exams missed for unexcused reasons will receive a score of 0.

Other Issues:

Academic Integrity: Students have the responsibility to know and observe the requirements of The UNC Charlotte Code of Student Academic Integrity (See UNC Charlotte Catalog). The code forbids cheating, fabrication or falsification of information, multiple submissions of academic work, plagiarism, abuse of academic materials, and academic integrity, and
complicity in academic dishonesty. Any special requirements or permission regarding academic integrity in this course will be stated by the instructor, and are binding on the students. Academic evaluations in this course include a judgment that the student’s work is free from academic dishonesty of any type; and grades in this course therefore should be and will be adversely affected by academic dishonesty. Students who violate the code can be expelled from UNCC. The normal penalty for a first offense is zero credit on the work involving dishonesty and further substantial reduction of the course grade. In almost all cases, the course grade is reduced to U. Copies of the code can be obtained from the Dean of Student’s Office. Standards of academic integrity will be enforced in this course. Students are expected to report cases of academic dishonesty to the course instructor.

Belk College of Business Statement on Diversity: The Belk College of Business strives to create an inclusive academic climate in which the dignity of all individuals is respected and maintained. Therefore, we celebrate diversity that includes, but is not limited to ability/disability, age, culture, ethnicity, gender, language, race, religion, sexual orientation, and socio-economic status.

Religious Accommodations: UNC Charlotte provides reasonable accommodations, including a minimum of two excused absences each academic year, for religious observances required by a student’s religious practice or believe. Such reasonable accommodations must be requested in accordance with the procedures in this Policy, and include the opportunity for the student to make up any test or other work missed due to an excused absence for a religious observance. Students wishing to request a religious accommodation may refer to the information found at: http://legal.uncc.edu/policies/ps-134.html. It is the obligation of students to provide faculty with reasonable notice of the dates of religious observances on which they will be absent by submitting a Request for Religious Accommodation Form to their instructor prior to the census date for enrollment for a given semester.

Course Outline (tentative):

1. Introduction
2. Market (1), Budget Constraints (2)
3. Preferences (3) + Utility (4)
4. Choice (5)
5. Demand (6) + Market Demand (15)
6. Uncertainty (12)

Exam 1

7. Technology (19)
8. Profit Maximization (20)
9. Cost Minimization (21) + Cost Curves (22)
10. Firm Supply (23) + Industry Supply (24)
11. Monopoly (25) + Monopoly Behavior (26)

Exam 2

12. Topics in Game Theory (reference material to be handed out in class, Auctions (17))

Exam 3