

BPHD 8100-001
Microeconomic Theory I
Fall 2018

Class: 9:05am-11:50am W, Friday 207

Instructor: Shuwen Li

217C Friday Building

704-687-7659, ishuwen@uncc.edu

Office hours: 3:00pm-4:30pm W, Center City 7th Floor;

10:30am-12:00pm R, 217C Friday Building and by appointment

Course Description and Prerequisites

This is a first semester course in Microeconomic Theory for the Business Administration PhD.

This course provides a rigorous introduction to the modern microeconomic theory. We will cover topics including consumer theory, producer theory, partial equilibrium analysis and game theory.

The only prerequisite is admission to the PhD program.

Course Objectives

By the end of the course, students should be familiar with core concepts and models used in microeconomic theory and be able to apply these concepts to building their own theoretical models.

Textbook

(Required) Andreu Mas-Colell, Michael D. Whinston and Jerry R. Green (MWG).

Microeconomic Theory. Oxford University Press, 1995. ISBN-13: 9780195073409.

This book is available at the UNCC Bookstore.

Course Website

I will post course materials on Canvas (<https://canvas.uncc.edu/>) during the semester.

Grading

Problem Sets	10%
Presentation	20%
Midterm Exam	25%
Final Exam	45%

There will be six problem sets. Each student must turn in their own answers, while group discussion is encouraged. Please turn in a hardcopy of answers at the beginning of the class on the due date. For due dates, see Course Schedule.

Each student will need to present a published research article. I will provide a list of papers at the beginning of the semester and each of you will choose one to present. The presenter is encouraged to incorporate his own thoughts in the presentation. Students who are not presenting are also required to read the paper before class and come with some questions for each paper to be discussed. More information about the presentation will be provided separately.

There will be two exams. Both are closed book and last for two and a half hours. The midterm will be on Oct. 17, 2018 from 9:05am to 11:35am and it covers the first half of the course. The cumulative final will be on Dec. 12, 2018 from 8:00am to 10:30am (start time different from regular class). I will not give make-up exams. Missed exams will only be excused without penalty if the absence is due to a reason that the university officially recognizes as legitimate. In that case, the weight of all other grading components will be scaled up proportionally. Exams missed for unexcused reasons will receive a score of 0.

Course Policies

- Class attendance is not required but highly recommended because of the rigorous nature of the course.
- Please turn off/silence all electronic devices before class starts. Please be considerate to me and your fellow students. I reserve the right to lower the grade of any student who exhibits disruptive behavior.

Academic Integrity

All students are required to read and abide by the Code of Student Academic Integrity. Violations of the Code of Student Academic Integrity, including plagiarism, will result in disciplinary action as provided in the Code. Definitions and examples of plagiarism are set forth in the Code. The Code is available from the Dean of Students Office or online at <https://legal.uncc.edu/policies/up-407>. Faculty may ask students to produce identification at examinations and may require students to demonstrate that graded assignments completed outside of class are their own work.

Diversity Statements

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 socioeconomic status.

Disability Accommodation

UNC Charlotte is committed to access to education. If you have a disability and need academic accommodations, please send me your accommodation letter as early as possible. You are encouraged to meet with me to discuss the accommodations outlined in your letter. For more

information on accommodations, contact the Office of Disability Services (<https://ds.uncc.edu/>) at 704-687-0040 (Fretwell 230). Students in this course seeking accommodations to disabilities must first consult with the Office of Disability Services and follow the instructions of that office for obtaining accommodations.

Enrollment Information

Students are responsible for verifying their enrollment in this class.

Last day to register, add, drop with no grade via the web Aug. 27, 2018

Last day to withdraw; grade subject to Withdrawal Policy Oct. 22, 2018

Tentative Course Schedule

Date	Topic	Readings	Problem set (PS) & Presentation (P)
8/22	Introduction and mathematical background	Handouts & MWG Appendix	
8/29	Preference and choice & Consumer choice	MWG Ch.1 & 2	PS1 assigned
9/5	Classical demand theory	MWG Ch.3	PS1 due
9/12	Classical demand theory	MWG Ch.3	PS2 assigned
9/19	Choice under uncertainty	MWG Ch.6	PS2 due
9/26	Choice under uncertainty	MWG Ch.6	PS3 assigned
10/3	Production	MWG Ch.5	PS3 due
10/10	Production	MWG Ch.5	
10/17	Midterm exam, 9:05am to 11:35am		
10/24	Competitive markets	MWG Ch.10	PS4 assigned
10/31	Competitive markets	MWG Ch.10	PS4 due
11/7	Basic elements of noncooperative games	MWG Ch.7	PS5 assigned, P
11/14	Simultaneous-move games	MWG Ch.8	PS5 due, P
11/21	Thanksgiving break, no class		
11/28	Dynamic games	MWG Ch.9	PS6 assigned, P
12/5	Market power	MWG Ch.12	PS6 due, P
12/12	Final exam, 8:00am-10:30am		

Revision of the Syllabus

The standards, requirements and course schedule set forth in this syllabus may be modified at any time by the course instructor. Notice of such changes will be by announcement in class and via email.