Microeconomic Theory I  
BPHD 8100-001  
Fall 2015

Class meeting time and place: 12:30 pm-3:15 pm M, Friday 207
Instructor: Dmitry Shapiro
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Course Description & Prerequisites

This is a first semester course in Microeconomic Theory for the Business Administration PhD. As such, it will be a rigorous course which will introduce the student to the basic principles of microeconomics: consumer choice, producer theory, partial equilibrium analysis, and game theory. The only pre-requisite for the course is the admission to the PhD program. Non PhD students should talk to the instructor that is me. Because I am the instructor.

Course Objectives

The topics covered in this course represent the main theoretical tools and models used in the microeconomic theory. The objective of this course is to make students familiar with these concepts so that they can use them in their future studies and research.

Books and Materials

Required:


Grading

Grades for the course will be based on presentations, one midterm and one final exam. The midterm will be on October 5 during the class time. The final exam will be on December 14 from 11:00am to 1:30pm. The midterm and presentations count as 25%. The final exam counts as 50%.
Very Tentative Course Outline

**Weeks 1-2:** Preference and Choice, Introduction to proofs  
MWG, Ch. 1

**Week 3:** Consumer Choice  
MWG, Ch. 2

**Weeks 4-5:** Classical Demand Theory  
MWG, Ch. 3

**Weeks 6-7:** Choice Under Uncertainty  
MWG, Ch. 6

**Weeks 8-9:** Production  
MWG, Ch. 5

**Weeks 10-11:** Competitive Markets  
MWG, Ch. 10

**Week 12:** Market Power  
MWG, Ch. 12

**Week 13:** Basic Elements of Noncooperative Games  
MWG, Ch. 7

**Week 14:** Simultaneous Move Games  
MWG, Ch. 8

**Week 15:** Dynamic Games  
MWG, Ch. 9