COMPETITIVE STRATEGY AND INDUSTRIAL ORGANIZATION

ECON 464/564  SPRING 2017

Instructor: Prof. Huseyin Yildirim; Soc. Sci. 205; Ph: 660-1805; E-mail: hy12@duke.edu
Course Hours: TTh 1:25 – 2:40 pm (Soc. Sci. 111)
Office Hours: TTh 10:30-11:30 am or by appointment

Course Description: IO is the study of oligopolistic markets in which a small number of firms operate and strategically influence the market outcome. Beginning with the basic models of oligopolistic competition, the consequences of strategic behavior on collusion, price discrimination, product differentiation, advertising, entry/exit, and technology will be examined. The analysis will be formal and utilize concepts and techniques from intermediate microeconomics. Basic calculus is needed.

Pre-requisite: ECON 205 (Intermediate Microeconomics)

Grading: Your grade will be based on one midterm exam (40%), one final exam (50%), and 6-8 homework assignments (10%, dropping the two lowest). Makeup exams will be given only in case of documented illnesses.

Tentative Course Outline

Warming up
1. Cabral, Ch.1: What is industrial organization?
2. Cabral, Ch.4: Games and Strategy

Two Benchmark Cases
3. Cabral, Ch.5: Monopoly and Regulation
4. Cabral, Ch.6: Perfect Competition (very briefly)

Basic Oligopoly Models
5. Cabral, Ch.7: Oligopoly Competition
6. Cabral, Ch.8: Collusion
7. Cabral, Ch.9: Market Structure and Market Power

   MIDTERM EXAM (Thursday, Feb. 23, in class)

Price and Nonprice Strategies
8. Cabral, Ch.10: Price Discrimination
9. Cabral, Ch.11: Vertical Relations
10. Cabral, Ch.12: Product Differentiation
11. Cabral, Ch.13: Advertising

Entry and Exit
12. Cabral, Ch.14: Entry Costs, Market Structure, and Welfare
13. Cabral, Ch.15: Strategic Behavior, Entry and Exit

Technology
14. Cabral, Ch.16: Research and Development
15. Cabral, Ch.17: Networks and Standards

   FINAL EXAM (Tuesday, May 2, 7:00 - 10:00 PM, in class)