TENTATIVE SYLLABUS

Course Description
This course is designed for Ph.D. students interested in empirical topics/methods in Industrial Organization (hereafter, IO). The goal of this course is to familiarize students with the IO topics in the literature today and to help them conduct research in empirical IO. The class will switch back and forth between a "lecture style" and a "discussion style." Typically for each section, I will present a paper in lecture/presentation format and then announce that we will discuss a particular paper. For discussion papers, I might hand out a list of questions a week in advance. In this case, you are expected to come to class with answers to each question.

Requirements
There will be several problem sets based on the readings. They are likely to be computer and data intensive. Make sure that you have an access to the computer programs such as STATA, SAS, Gauss, Matlab, R, and etc.. There will be a credit deduction for late homework submissions. In addition, there will be several referee report assignments. You must turn it in before the paper is discussed in class. Students are required to present one of the papers listed below in bold text or a paper you want to present. You must obtain my approval of your choice of paper by the third week of class, i.e. Feb. 1st. There is no final exam. Instead, students must submit a term paper no later than May 6th. Also, students must present the term paper in class in April and the 1st week of May. You must submit your term paper proposal no later than March 1st so that I can read and approve them.

Grading
Problem sets will count for 15%, referee report assignments count for 20%, paper presentations in class for 20%, class participation for 5%, and the term paper counts for 40% of your final grade.

Course Web Page
Class announcements will be posted on the course web. It is students’ responsibility to check the site regularly (at least every Monday and Wednesday). All important announcements will be posted on it.

Readings:
Readings will be taken primarily from the list below. Not all papers are classics and some classics have not been listed below. There is no required textbook, but I provide a list of textbooks that you can consider;


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1 referee reports that you yourself write based on one of the papers that I assign.


**Reading List**

**Introduction to IO**
Lecture notes

**Micro-econometrics for IO**
Lecture notes
Cameron, A. C. and Trivedi, P.K. (2005)
Kenthe E. Train (2009)

**All/some of my working papers for referee reports**

**Productivity**

**Demand**


**Entry and Discrete Games**


**Dynamic demand:** Optional (if time allows)


Dynamic games: Optional (if time allows)