This course will cover advanced topics in industrial organization. It is primarily intended for advanced students interested in the field, however, students in other fields may find the topics interesting. Second year students are welcome. However, this course is not a substitute for 450-2. Solid econometrics background is useful.

The course will cover recent developments in the field including dynamics and price discrimination. We will also survey IO papers that were presented as job market papers in the last few years. We are open to other topics students might be interested in.

The course will be graded on the basis of problem sets and class presentation.


1. Dynamic Models – Single Agent

Methods


Applications


2. Dynamic Models – Multi-Agent Models


3. Competition and Price Dispersion

**Competition and Price Discrimination**


**Loss-leaders**


Search


4. Recent Job market papers

05:


Ho, Katherine, *Insurer-Provider Networks in the Medical Care Market*, Harvard University.


04:


Sweeting, Andrew, *Coordination Games, Multiple Equilibria and the Timing of Radio Commercials*, NWU
03: Watson, Randal, *Product variety and competition in the retail market for eyeglasses*, Texas.

Hartmann, Wesley, *Intertemporal Effects of Consumption and Their Implications for Demand Elasticity Estimates*, Stanford.


Melnikov, Oleg, Markov-perfect Dynamics of a Differentiated Durable Products Oligopoly, Cornell.


Syverson, Chad, *Market Structure and Productivity: A Concrete Example*, forthcoming JPE.

00: Manuszak, Mark, Firm Conduct in the Hawaiian Retail Gasoline Industry, Carnegie Mellon.


99: Rysman, Marc, *Competition Between Networks: A Study of the Market for Yellow Pages*, RES.

Sorenson, Alan, Equilibrium Price Dispersion in Retail Markets for Prescription Drugs, JPE.