

Empirical Industrial Organization I

Course title – Intitulé du cours	Empirical Industrial Organization I
Level / Semester – Niveau /semestre	DEEQA/S1
School – Composante	Ecole d'Economie de Toulouse
Teacher – Enseignant responsable	Pierre Dubois and Isis Durrmeyer
Lecture Hours – Volume Horaire CM	30
TA Hours – Volume horaire TD	0
TP Hours – Volume horaire TP	0
Course Language – Langue du cours	English
TA and/or TP Language – Langue des TD et/ou TP	English

Teaching staff contacts:

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Course Objectives:

This is a course in the Graduate Industrial Organization sequence. We aim to give a solid grounding in understanding the structure of markets, and the strategic behavior of firms and their consumers. This course focuses on empirical methods and research topics in industrial organization at the frontier of the empirical IO research.

Prerequisites :

Econometrics at the M2 ETE level

Practical information about the sessions:

Each week, students must read a paper which will be discussed in class, an active participation of the students is required

Some sessions will require students to bring their laptop with matlab installed on it

Grading system :

Two problem sets and one in-class presentation.

Bibliography/references :

Detailed reading list provided in class.

Session planning :**Course outline :**

1. Demand and Supply Models of Product Differentiation
2. Measuring Market Power, Welfare and Merger Analysis
3. Price Discrimination
4. Markets with Demand-Side Network Effects; Two-Sided Markets
5. Vertical Relationships
 - a. Double marginalization
 - b. Nonlinear tariffs
6. Bargaining
7. Advertising

Distance learning :

Distance learning will be provided if necessary, by implementing some of the following:

- Interactive virtual classrooms
- Recorded lectures (videos) followed by Q&A sessions
- Online classes
- Frequent chatrooms