Empirical Industrial Organizations

Course title - Intitulé du cours	Empirical Industrial Organizations CM
Level / Semester - Niveau /semestre	M1 / S2
School - Composante	Ecole d'Economie de Toulouse
Teacher - Enseignant responsable	GENTRY Matthew
Lecture Hours - Volume Horaire CM	15
TA Hours - Volume horaire TD	12
TP Hours - Volume horaire TP	0
Course Language - Langue du cours	Anglais
TA and/or TP Language - Langue des TD et/ou TP	Anglais

Teaching staff contacts - Coordonnées de l'équipe pédagogique :

Instructor: Matthew Gentry

Email: m.l.gentry@lse.ac.uk

Office: MF 412 Office hours: TBD

Course's Objectives - Objectifs du cours :

The course presents empirical methods to study market conduct, demand and productivity. For each of the topics we analyse theory, available data sources and empirical methods to study relevant questions. The course aims to provide students with a critical understanding of empirical methods used to study market structure and economic behavior of consumers and producers. Lectures will develop key empirical tools which can be used to evaluate regulatory regimes and market performance. Problem sets will give students practical experience in applying these tools to analyze real-world market data.

Prerequisites - Pré requis :

Master course in econometrics (first semester).

Prior courses in micro-economics and industrial organization (standard imperfect competition models).

Basic introduction to Stata or similar software.

Practical information about the sessions - Modalités pratiques de gestion du cours :

Course attendance is highly recommended. Laptops / tablets are permitted for taking notes only.

Grading system - Modalités d'évaluation :

Evaluation consists of 3 take home problem sets (40%) and a final written exam (60%).

Bibliography/references - Bibliographie/références :

All slides and materials can be found on the Moodle platform.

Session planning - Planification des séances :

1. Measuring Market Power

2. Estimating Cost and Demand with (Un)Known Conduct

3. Market Power with Differentiated Goods

4. Merger Simulation

5. Estimating Production Functions