

## UE3 Empirical Analysis of firm behavior

Course title - Intitulé du cours	UE3 Empirical Analysis of firm behavior
Level / Semester - Niveau /semestre	M2 / S1
School - Composante	Ecole d'Economie de Toulouse
Teacher - Enseignant responsable	Reynaert Mathias
Other teacher(s) - Autre(s) enseignant(s)	
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Other teacher(s) - Autre(s) enseignant(s)	
Lecture Hours - Volume Horaire CM	30
TA Hours - Volume horaire TD	
TP Hours - Volume horaire TP	
Course Language - Langue du cours	Français
TA and/or TP Language - Langue des TD et/ou TP	

### **Teaching staff contacts - Coordonnées de l'équipe pédagogique :**

mathias.reynaert@tse-fr.eu MF412 Office hours: Tuesday 2pm-3pm, or by appointment Interaction in class is encouraged.

### **Course's Objectives - Objectifs du cours :**

The goal of this course is to understand what a firm is, how firms fit into markets, how regulators impact market interactions and firm choices and how firms act strategically to maximize profitability. To achieve this, we will empirically analyze firm behavior in different settings. The following skills will be developed: - Expand your knowledge of micro-economic and industrial organization theory - Pair theoretical insights with empirical evidence - Ability to read and evaluate empirical evidence - Recognize strengths and weaknesses of modern econometric technique The following topics will be covered: 1. Vertical boundaries of the firm: contracts, vertical integration and competition, franchising 2. Horizontal boundaries of the firm: mergers, common ownership, antitrust policy 3. Inside the Firm: management, anatomy of organizations, labor and incentives 4. Pricing strategies: auctions vs. posted prices vs. bargaining 5. Reputation Mechanism and market transparency Final topics depending on timing and interests: 6. Consumer behavior and firm responses 7. Environmental regulation and compliance 8. The global firm and international trade.

### **Prerequisites - Pré requis :**

Class is aimed to students in EMO track, other students should have previous master classes in Micro-Economics, Econometrics and IO.

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

Lecture hours will be discussion based lectures where students are expected to participate.

**Grading system - Modalités d'évaluation :**

Final written exam closed book: 60% of grade Essay: 20% of grade Empirical Assignment: 20% of grade Essays and Assignments handed in after due date will not be considered for final grade and will result in zero mark for that part.

**Bibliography/references - Bibliographie/références :**

Reading materials will consist of lecture notes and academic articles. Detailed reading list and access to articles will be provided for each of the topics covered in class.

**Session planning - Planification des séances :**

3 hours of lecture, Wednesday 9.30-12.30.