

Advanced Microeconomics

Course title - Intitulé du cours	Advanced Microeconomics
Level / Semester - Niveau / semestre	M1 / S2
School - Composante	Ecole d'Economie de Toulouse
Teacher - Enseignant responsable	YAMASHITA TAKURO
Other teacher(s) - Autre(s) enseignant(s)	Yiman Sun
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	Anglais
TA and/or TP Language - Langue des TD et/ou TP	Anglais

Teaching staff contacts - Coordonnées de l'équipe pédagogique :

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Course's Objectives - Objectifs du cours :

This course is to introduce some topics in game theory and its applications, especially about a class of games with incomplete information, and its application to auction, signalling, etc. The target students are those who are in M1 and want to do research in economic theory and its applications.

The goal is to make students familiar with some topics in games with incomplete information so that they can independently digest/evaluate academic papers in those or relevant topics.

Prerequisites - Pré requis :

Although there is no formal prerequisite, I would assume some basic mathematical knowledge (algebra, analysis, probability, etc). Also, basic knowledge of game/contract/mechanism design theory would be helpful.

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

Laptops or tablets are accepted;

Active participation is expected;

Too many late arrival / absence may be penalized.

Grading system - Modalités d'évaluation :

Based on a few problem sets and a final exam. At most 30% of the grade is by the problem sets, and the rest is by the final exam. Also, too many late arrivals and non-attendance may affect the grade.

Bibliography/references - Bibliographie/références :

Fudenberg and Tirole (1991), Game Theory, MIT Press.

Tadelis (2013), Game Theory: An Introduction, Princeton University Press

Distance learning – Enseignement à distance :

Distance learning would be implemented. Based on necessity, the following options may be implemented:

Interactive virtual classrooms

Recorded lectures (videos)

MCQ tests and other online exercises and assignments

Remote (online) classes

Chatrooms/Forum