

GAME THEORY: SYLLABUS

Instructor: Xiang Sun

Wuhan University, Economics and Management School
Academic Year 2015–2016, Semester 2

Chinese title: 博弈论

Prerequisite: Microeconomics (intermediate), Game Theory (basic)

Course description: This course considers several classical models, including job-market signaling, cheap talk, screening, optimal auction, bilateral trade.

Modular credit: 2 modular credits

Modular number:

Time: Week 7–12, Wednesday, 18:00–21:00

Venue: C366

Module website: <http://www.xiangsun.org/teaching>

Instructor: 孙祥

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Office hours: By appointment

Teaching assistants:

Main references:

[Sun] Xiang Sun, *Lecture Notes on Game Theory: Theory and Examples*, 2015.
Electronic version is available at [Sun's homepage](#).

Language:

- Lectures are in English and Chinese.
- Lecture notes is in English.

Grouping:

- Group 1:
- Group 2:
- Group 3:
- Group 4:
- Group 5:
- Group 6:

Grading:

- Performance (10%)
- Group presentation (50%)
 - Selection criteria for papers to be used for presentation
 - 2000 or more recent
 - Related to the topics covered
 - Papers published on Ecta, AER, JPE, REStud, JET, TE, GEB, JPubE are preferred.
 - The presented papers should be submitted to me for the approval two weeks before the presentations
 - Slides are required
- Individual report (40%)
 - Report should base on the paper presented
 - Report should submit before June 1, 2016
 - Report can be hand-written or electronic

Tentative time table:

#	Week	Date	Topics	Sections
1	7	Apr. 6	Job-market signaling	[Sun] 14.1–14.3
2	8	Apr. 13	Cheap talk	[Sun] 14.4
3	9	Apr. 20	Screening	[Sun] 15
4	10	Apr. 27	Bilateral trade	[Sun] 18
5	11	May. 4	Optimal auction	[Sun] 19
6	12	May. 11	Presentation	
	15	Jun. 1	Reports submission	