

TOPICS IN MICROECONOMICS: SYLLABUS

Instructor: Xiang Sun^{*}

Wuhan University, Economics and Management School
Academic Year 2013--2014, Semester 2

Chinese title: 高级微观经济学经典论文研读 (2)

Prerequisite: Microeconomics (intermediate)

Modular credit: 2 modular credits

Modular number: 0200496/20132005477

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Time: Week 1--12, every Monday, 09:50--10:35, 10:40--11:25, 11:30--12:15

Venue: 教五楼 409

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

Office hours: By appointment

Main references:

[RS] Alvin E. Roth and Marilda Sotomayor, *Two-Sided Matching: A Study in Game-Theoretic Modeling and Analysis*, Cambridge University Press, 1992.

^{*}E-mail: xiangsun.econ@gmail.com. Suggestion and comments are always welcome.

[SU] Tayfun Sönmez and M. Utku Ünver, Matching, Allocation, and Exchange of Discrete Resources, in *Handbook of Social Economics, volume 1A* (Jess Benhabib, Alberto Bisin and Matthew O. Jackson eds.), Chapter 17, 781--852, Elsevier B.V., 2011.

[AT] Atila Abdulkadiroğlu and Tayfun Sönmez, *Matching Markets: Theory and Practice*.

Language: Lectures are in English and Chinese. Lecture notes are in English.

Grading: Performance (20%), group presentation (60%), and individual report (20%).

Time table:

#	Date	Topics	Sections
1	Feb. 17	Marriage problem 1: DA algorithm	[RS] 2.1--2.3
2	Feb. 24	Marriage problem 2: Properties of stable matchings	[RS] 2.3--3.1
3	Mar. 3	Marriage problem 3: Incentive compatibility	[RS] 4.1--4.3
4	Mar. 10	Presentation, group 4 (文雅, 刘雨婷, 陆勃)	[RS] 3.1
5	Mar. 17	Presentation, group 5 (周颖, 胡永康, 汪瑞)	[RS] 2.4--2.5
6	Mar. 24	Presentation, group 2 (王筱, 陈奕辰, 张晨)	[RS] 2.4--2.5
7	Mar. 31	College admissions	[RS] 5.1--5.4
8	Apr. 14	Housing market	[SU] 2.2, [AS] 3.1.1
9	Apr. 21	House allocation	[SU] 2.1, [AS] 3.1.2
10	Apr. 26	Presentation, group 1 (陈晓光, 黄柳淙, 黄志疆)	Notes 5.29--5.35
11	Apr. 27	Presentation, group 6 (李擎, 李佳恩, 田珣康)	Notes 6.24--6.27
12	Apr. 28	Presentation, group 3 (闫玮昊, 林潇, 宋天辰)	Notes 7
13	May 10	Reports Submission	

Some useful web sites:

- [Website of Alvin Roth](#)
- [Website of Fuhito Kojima](#)