

## Announcement: 2013 Preliminary Math Course<sup>1</sup>

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Every year, due to weak academic background in mathematics, many graduate students cannot comprehend the courses of the graduate program of Economics. Preliminary Math Course is provided for such students. We also recommend students who have already taken math courses at undergraduate level to strengthen their understanding of mathematics by review and exercises.

Each class consists of 90 minute exam and 90 minute lecture. The exam questions will be primarily set from examples and exercises of the text book. This year (2013) lecture will be not only taught in Japanese but also in English for foreign students.

This course is not accounted as formal credits for graduation at Osaka University. However, we strongly recommend newcomers without sufficient mathematical background by attending this course. It is mainly offered for the students majoring in Economics at Graduate Program of Economics. However, other graduate and undergraduate students (year two or above) majoring in management, including business, are also welcome.

Textbook<sup>2</sup>: Chiang, AC, "Fundamental Methods of Mathematical Economics," McGraw-Hill.

Lecturer : Noritaka Maebayashi (Japanese), Amir Hossein Hosseini Pour (English)

Exam Supervisor : Akinori Tanaka

Classroom: Law and Economics Theaters Building, Room No. 4

### Course Schedule

31, March	Exam	Chiang, Parts1-4	10:30 -12:00
	Lecture	Chiang, Chapter 8	13:00 -14:30 (Japanese), 14:40 -16:10 (English),
1, April	Exam	Contents of Lecture (31, March)	10:30 -12:00
	Lecture	Chiang, Chapter 9	13:00 -14:30 (Japanese), 14:40 -16:10 (English),
4, April	Exam	Contents of Lecture (1, April)	10:30 -12:00
	Lecture	Chiang, Chapter 10	13:00 -14:30 (Japanese), 14:40 -16:10 (English),
5, April	Exam	Contents of Lecture (4, April)	10:30 -12:00
	Lecture	Chiang, Chapter 11	13:00 -14:30 (Japanese), 14:40 -16:10 (English),
6, April	Exam	Contents of Lecture (5, April)	10:30 -12:00
	Lecture	Chiang, Chapter 12 (Sec 1-4)	13:00 -14:30 (Japanese), 14:40 -16:10 (English),
7, April	Exam	Contents of Lecture (5, April)	10:30 -12:00
	Lecture	Chiang, Chapter 12 (Sec 5-7)	13:00 -14:30 (Japanese), 14:40 -16:10 (English),

To download course material, access the site below:

<http://www.iser.osaka-u.ac.jp/~serizawa/>

Mathematics for Economics (Preliminary Class, Graduate)

ID: young Password: economist

Contact: serizawa@iser.osaka-u.ac.jp for questions.

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<sup>1</sup> This course was started as a part of Initiative of Attractive Graduate Program (Ban, K.) in 2006. This year, it is collaboration with International Exchange Office of Graduate School of Economics.

<sup>2</sup> Textbook is sold at co-op store in March.