

## Announcement: 2016 Preliminary Math Course <sup>1</sup>

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In the graduate program of Economics at Osaka University, due to weak academic background in mathematics, many students have serious problems in understanding the classes of Economics. Preliminary Math Course is provided for such students. This course is not a formally offered class. (Students cannot get credits for graduation.) However, we strongly recommend newcomers without sufficient math background to attend this course so that they can understand the classes of Economics.

This course is offered for students majoring in Economics (Economics Course and Applied Economics Course) at Graduate School of Economics. However, other graduate and undergraduate students are also welcome.

Each class consists of 90 minutes exam and 90 minutes lecture. Everyday two lectures of the same content are given, one in Japanese, and the other in English for foreign students. Most of the exam questions will be chosen from the examples and exercises of the text book below.

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

Lecturer (Japanese): Ryota Ohata/ Lecturer (English): Abdul Quadir/

Exam Supervisor: Takao Takasago

Classroom: Law and Economics Theaters Building, Room No. 31

### Course Schedule

|         |         |                               |   |
|---------|---------|-------------------------------|---|
| April 1 | Exam    | Chiang, Parts 1-4             | 10:30 -12:00  |
|         | Lecture | Chiang, Chapters 4-5          | 13:00 -14:30 (Japanese),<br>14:40 -16:10 (English), |
| April 2 | Exam    | Contents of Lecture (April 1) | 10:30 -12:00  |
|         | Lecture | Chiang, Chapter 8             | 13:00 -14:30 (Japanese),<br>14:40 -16:10 (English), |
| April 3 | Exam    | Contents of Lecture (April 2) | 10:30 -12:00  |
|         | Lecture | Chiang, Chapter 9             | 13:00 -14:30 (Japanese),<br>14:40 -16:10 (English), |
| April 6 | Exam    | Contents of Lecture (April 3) | 10:30 -12:00  |
|         | Lecture | Chiang, Chapter 10            | 13:30 -15:00 (Japanese),<br>15:10 -16:40 (English), |
| April 7 | Exam    | Contents of Lecture (April 6) | 10:30 -12:00  |
|         | Lecture | Chiang, Chapter 11            | 13:30 -15:00 (Japanese),<br>15:10 -16:40 (English), |
| April 8 | Exam    | Contents of Lecture (April 7) | 10:30 -12:00  |
|         | Lecture | Chiang, Chapter 12 (Sec 1-4)  | 13:00 -14:30 (Japanese),<br>14:40 -16:10 (English), |
| April 9 | Exam    | Contents of Lecture (April 8) | 10:30 -12:00  |
|         | Lecture | Chiang, Chapter 12 (Sec 5-7)  | 13:00 -14:30 (Japanese),<br>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

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<sup>1</sup> This course was started as a part of Initiative of Attractive Graduate Program (Ban, K.) in 2006. Since 2013, it has been collaborated with International Exchange Office at Graduate School of Economics.

<sup>2</sup> Textbook will be sold at co-op store in March, 2015.