Basic Mathematics - schedule and exams
G30 program - 1st year

Schedule.

	Date	Topic	Textbook
1	April 14	Lines and their slopes	2
2	April 21	Introduction to functions, Functions and their graphs	2, 3
3	April 28	Combinations of functions	4
4	Mai 12	Transformations of functions	5
5	Mai 19	Quadratic functions	6
6	Mai 26	Polynomial functions	7
7	June 2	**Midterm exam**	
8	June 9	Rational functions	8
9	June 16	Exponential and logarithmic functions	9
10	June 23	Systems of equations and inequalities	10
11	June 30	Trigonometry	13
12	July 7	Derivatives	handout
13	July 14	Anti-derivatives, Integrals	handout
14	July 21	Sequences	14
15	July 28	**Final exam**	

Homework. Homework has to be done each week online.
To do the homework:

1) Connect to the website `http://www.math.nagoya-u.ac.jp/~demonet`
2) Fill in your login;
3) Fill in your password;
4) Click on **Enter**;
5) Choose the homework you want to do.

Grading.

- **10 %** : online homework
- **10 %** : quizzes (a problem similar to the homework, each lecture except 1, 7, 15)
- **40 %** : mid-term exam
- **40 %** : final exam

Minimal requirement for passing : 60 %.

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