MATH 2207, Linear Algebra
Semester 1, 2016 (version of November 29 2016)

Webpage: `http://www.math.hkbu.edu.hk/~amypang/2207`

Class: Mondays and Fridays 13:30-15:20 @ AAB205.

Each class contains a mixture of lecture and exercises (see below).

Instructor: Dr. Amy Pang, FSC 1108, amypang@hkbu.edu.hk.

Teaching Assistants:
- Shun Ling CHIANG, gcling@hkbu.edu.hk
- Ka Wai SIU, 14485419@life.hkbu.edu.hk
- Siu Chung TSANG, 15485439@life.hkbu.edu.hk
- Hanjun YAN, 15484998@life.hkbu.edu.hk

Office hours: with Dr. Pang in FSC 1108.
- Monday 16:30-17:30*
- Wednesday 14:30-16:30
- Friday 9:30-11:20
- Friday 16:30-17:30*

* Dr. Pang is also happy to answer questions between the end of class and 16:30, either in her office or near the classroom.

Textbook: *Linear Algebra and its Applications, Global Edition (5th Edition)*, by David C. Lay, Steven R. Lay and Judi J. McDonald, Pearson, ISBN 1-292-09223-2. This is for reference only; you may use any edition, but any page and section numbers referred to in course materials will be from the fifth edition. The third edition is on 24-hour reserve at the library. We will cover roughly chapters 1.1-1.5, 1.7-1.9, 2.1-2.3, 3.1-3.3, 4.1-4.7, 5.1-5.4, 6.1-6.6, 7.1.

In-class exercises: Roughly one-quarter of class time will be spent doing practice problems. Teaching assistants will be there to help you. A worksheet will be handed out near the start of class; it will be collected at the end of class and graded by the TAs. **Extra worksheets will not be available after the start of class, and solutions must be handed in at the end of class to receive credit.**

Homework: Homework will be released roughly every two weeks on the course webpage. It is the student's responsibility to check the webpage for new homework postings. Homework is due 15 minutes after the start of class on the due date. **No homework will be accepted after the due time, and no extensions will be granted under any circumstances.** You are encouraged to work with your classmates, but you must write up your solution by yourself.

Exams:
- Quizzes: In class. Dates will not be announced in advance.
- Midterm: 1 hour, at the start of class: 13:30, Friday October 28 @ AAB205.
- Final: 13:30 - 15:30 Thursday December 15 @ AAB205.

Assessment: Your overall course mark will be computed from:
- 30% Continuous Assessment (mixture of in-class exercises, homework, quizzes and midterm; proportion will not be announced).

- 70% Final Exam.

Some advice: The best way to study for a mathematics class is to solve lots of problems. To get a good understanding of the material, and therefore a good grade, you should try many problems (e.g from the textbook, answers to odd-numbered exercises are at the back) in addition to the in-class exercises and homework. Understanding someone else's solution is very different from being able to solve a problem on your own. More tips are on the Resources section of the course webpage.