CS218
Discrete Mathematics

Introduction

- Lecturer: Lo Chi Wing, Peter
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- **Schedule**
  - Lecture: 19:00 – 20:30
  - Tutorial: 20:30 – 21:30

Syllabus

- Logic
- Set Theory
- Relationship
- Functions
- Methods of Proofs
- Combinatorics
- Probability
- Graph Theory

Assessment

- **Assessment**

Mid-term Test:	12%
Final Test:	18%
Examination:	70%
Total:	100%

- **Study Approach**

Lecture & Tutorial	22.5 hours
Self study (including exercises)	57.5 hours
Total:	80 hours

Course Outline

- One Mid-Term Test and one Final Test
- Topics selected will be based on materials taught in classes and possibly some external research
- You are required to exercise initiative and research to maximize your marks.
- You are encourage to exchange ideas and discussions but NOT copying.
- More information will be given at a later date.

Do and Don't

- **Do not turn on your mobile**, pager or any form of alarm that will distract your fellow classmates.
- **Do not make any unnecessary noise** unless you have just found out you won a 3T!
- **Do turn up on time** to avoid unnecessary distraction.
- Do exchange ideas and discussions on assignments but **NOT copying**. You are here to LEARN not copy. You will be severely dealt with if caught cheating under the university disciplinary action.
- **Do enjoy and learn from the course.**

References

- Richard Johnsonbaugh, "Discrete Mathematics", Fifth Edition, Prentice Hall, 2001
- http://www.Peter-Lo.com/Teaching/CS218