

CS213

Software Engineering

Introduction

- Lecturer: Lo Chi Wing, Peter
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- Schedule

- ◆ Lecture: 19:00 – 21:30 (Monday)

Syllabus

- Fundamentals of Software Engineering
- Requirement Analysis Fundamentals
- Analysis Modeling
- Design
- Programming Languages
- Software Quality Assurance and other Management Topics
- Software Testing Techniques
- Software Testing Strategies
- Advanced Topics in Software Engineering

Assessment

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Assignment and Test:	30%
Examination:	70%

Total: 100%

- Study Approach

Lecture	22.5 hours
Self study (including Assignment)	77.5 hours

Total: 100 hours

Course Outline

- One Test and one Assignment
- 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

- Roger S. Pressman, Software Engineering: A Practitioner's Approach (5th Editions). McGraw Hill.
- <http://www.Peter-Lo.com/Teaching/CS213>