

# CS215

## C Programming

## Introduction

- Lecturer: Lo Chi Wing, Peter  
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- Schedule

- ◆ Lecture: 19:00 – 20:00 (Tuesday & Friday)
- ◆ Workshop: 20:00 – 21:30 (Tuesday & Friday)

## Syllabus

- Introduction to C Programming
- Program Control
- Functions
- Arrays
- Pointers
- Characters and Strings
- Structures, Unions, Bit Manipulations, and Enumerations
- Linked List
- Stack
- Queue

## Assessment

- Assessment

Assignment and Test:	30%
Examination:	70%

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Total: 100%

- Study Approach

Lecture	9.0 hours
Workshop	13.5 hours
Self study (including Assignment)	97.5 hours

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Total: 120 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 Mark Six!
- **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

- Harvey M. Deitel, Paul J. Deitel, *C: How to Program*. Prentice Hall, 2004.
- Bradley L. Jones, Peter Aitken, *Sams teach yourself C in 21 days*. SAMS, c2003.
- <http://www.Peter-Lo.com/Teaching/CS215>