

Brief Syllabus of COSC 1337-01, Fall 2004
Introduction to Computer Science II (C++)
MWF 9:05 ~ 9:55 AM, Maes 111

Instructor: Dr. Chung-Chih Li
Office: Maes 69, Tel: (409) 880-8748
URL: <http://hal.lamar.edu/~licc/cosc1337>
E-mail: licc@hal.lamar.edu
Office Hours: MWF 10:00 ~ 11:00 AM or by appointment

Topics:

This is a continuous course of CS1 and CS2. We assume that students already have basic programming skill in JAVA and we will study more advanced futures of the language on a new language C++. Also, we will shift the programming environment to Unix. Topics to be covered include introduction to Unix, string manipulation, pointers, file I/O, recursion, OOP design, and introduction to data structures and algorithm analysis.

Prerequisites: COSC 1336 (or 1373).

Textbook: *Object-Oriented Programming in C++*, by Nicolai M Josuttis, John Wiley & Sons Ltd, 2003

Examinations: (300 points) Two midterms and one Final Exam (100 points for each test)

- All tests are accumulative, closed book, and indispensable. No makeup test will be given unless a documented absence is authorized by the university.
- Every student is allowed to bring a self-prepared crib sheet to the test. You can **write** down anything on both sides of **one** letter-sized paper. No circulation during the test.

Assignments: (210 ~ 240 points) About 7 or 8 programming assignments will be given.

Attendance: (50 points) 10 attendances will be taken randomly.

Pop quizzes: (50 points) 5 pop quizzes will be given impulsively.

Grading Policy: You will have at least 600 points to gain. Your grade is based on the scheme shown in the following table.

Points	Grade	
540 ~ 600	A	Excellent
420 ~ 539	B	Good
300 ~ 419	C	Satisfactory
200 ~ 299	D	Passing
0 ~ 199	F	Failure