

# CS 304 OBJECT-ORIENTED PROGRAMMING IN C++ SYLLABUS

Summer (9 Weeks) 2005

<http://www.cis.uab.edu/cs304>

Instructor: Shih-Hsi “Alex” Liu, Ph.D. Student (liush(at)cis.uab.edu)  
Classroom: CH 396  
Time: 11:20 A.M. – 12:44 P.M. Monday  
Office: CH 123A (934-5841)  
Office Hours: Monday 4 – 8 P.M.  
Teaching Assistant: Shih-Hsi “Alex” Liu (cs304ta(at)cis.uab.edu)  
Textbook: C++: *How to Program*, 4<sup>th</sup> ed., by Harvey M. Deitel and Paul J. Deitel. Prentice Hall, 2003.

Time Table:	<u>Topic</u>	<u>Chapter</u>	<u>Lecture</u>
	Introduction	1-4	1
	Pointers and Strings	5	2
	Classes and Data Abstraction	6-7	3-4
	Operator Overloading	8	4-5
	Object-Oriented Programming	9-10	5-6
	Templates	11	6
	Stream Input/Output	12, 14	6-7
	Standard Template Library	21	7-8

Grading: Final Exam 50%  
Exercises 50%

Grading Policy: The final exam is on Monday, August 8<sup>th</sup>, at 1:30 P.M. – 4:00 P.M. There will be no class on the Independence Day. The schedule of the exam is fixed and cannot be changed to accommodate individual circumstances except for a major illness or family emergency. In such cases, arrangements must be made **before the time of the exam** to take the exam at a different time. Makeup exams will not be given without such **prior** approval and only for the emergency cases indicated. Besides exams, there will also be several programming exercises which will emphasize the topics covered by the lectures and text. Assignments will be accepted at most one class meeting late (except the final assignment), at a cost of 25% of the assignment credit. Otherwise, all assignments are due on the date indicated **by the beginning of the class period**. The exercises are to be done independently. Any single incident of copying or duplication of work will result in the division of credit among the collaborators. A subsequent occurrence of academic dishonesty will result in the grade of **F** for the course.

Prerequisites: CS 302 Object-Oriented Design with a C or better

Note: Summer 9 Week is a tense term. Time table may be adjusted accordingly. It is encouraged to preview each topic in advance.