

**CS 304 OBJECT-ORIENTED PROGRAMMING IN C++
SYLLABUS
FALL 2004**

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

Instructor: Barrett Bryant, Ph. D. (bryant@cis.uab.edu)

Classroom: CH 430

Time: 1:25-2:15 P.M. Wednesday

Office: CH 121 (934-2213)

Office Hours: 11:00 A.M. - 12:00 P.M. Tuesday and Thursday or by appointment

Teaching Assistant: Hui Wu (cs304ta@cis.uab.edu)

Office Hours: Monday and Tuesday, 4:00-6:00 P.M., CH 153B (975-5796)

Textbook: *C++: How to Program*, 4th 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 | 1-2 |
| | Pointers and Strings | 5 | 3-5 |
| | Classes and Data Abstraction | 6-7 | 6-8 |
| | Operator Overloading | 8 | 9 |
| | Object-Oriented Programming | 9-10 | 10 |
| | Templates | 11 | 11 |
| | Stream Input/Output | 12 | 12 |
| | Standard Template Library | 21 | 13-14 |

Grading: Final Exam 50%
Exercises 50%

Grading Policy: The final exam is on Wednesday, December 15, at 1:25 P.M. In case of illness, death in the family, or other situation that will cause a student to miss an exam, 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. 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, 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