

Instructor Sanjiv K. Bhatia
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urls <http://www.cs.ums1.edu/~sanjiv/cs2250>
Office Hrs TR 11:00am–12:00pm; 4:30pm–5:30pm
Prerequisites CS 1250
Textbooks K.N. King. *C Programming: A Modern Approach*. W.W. Norton & Company, New York, NY. 1996.
 Thomas A. Standish. *Data Structures, Algorithms and Software Principles in C*.
 Addison Wesley, Reading, MA. 1995
 A. Robbins. *Unix in a Nutshell*. O'Reilly, Sebastopol, CA. 2005.

/objectives

- Compound data structures
 - Characters and strings
 - Structures, unions, bit manipulations, and enumerations
- File processing
- C preprocessor
- Dynamic memory allocation
- Self-referential structures – Linked lists, Stacks, Queues, Trees
- Introduction to sorting, searching, and graphs

/etc/policy The grade will be based on programming assignments and three tests. Each assignment must be meticulously documented and clearly identify its purpose, author, and date. The distribution of grades will be as follows:

Programming Assignments	40%
Three tests	20% each

Anyone desiring an EXC grade after March 23 must be passing the course at that point to get EXC.

/etc/exam_dates

Test 1	February 15, 2007
Test 2	March 15, 2007
Test 3	May 11, 2007; 8:00am – 10:00am

/etc Failure to hand in any assignment will result in an automatic zero for that assignment. If some student is unable to hand in an assignment by the deadline, he/she must discuss it with me before the deadline. If you are found copying an assignment (from another student or internet), you get a zero for that assignment automatically.

/etc/note You have an account on one of the Unix machines on campus and you should use it for all assignments. Any assignment that fails to run on the Unix machines automatically gets a zero. You can communicate with all the students in the class using the email alias `cs2250@cs.ums1.edu`. Any message sent to this alias will automatically go to all the students in the class. It may be a good idea to print the class notes before you come to class.

Any unsigned email and email not in plain text will go unanswered by me. Please do not send me any attachments without talking to me first.