

Instructor Sanjiv K. Bhatia
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e-mail sanjiv@acm.org
url <http://www.cs.ums1.edu/~sanjiv/classes/cs6740>
Office Hrs T Th 3:00pm – 5:00pm
 Any other time by appointment
Prerequisites CS 5740, or Graduate Standing and Consent of Instructor
Textbooks None.

/objectives

- Introduction to grid computing
- Grid toolkits and infrastructure
- Grid application programming
- Resource allocation and management
- Information and monitoring
- Security

/etc/policy I'll expect you to be present in most of the classes. I will not be taking attendance but if you start missing too many classes, please take responsibility for your absence, specially when it concerns tests and homeworks. When you come to class, you must change your cell phones to silent mode. In the tests, the cell phones must be completely switched off.

The grade will be based on programming assignments, presentation, and two tests. All tests will be open book and open notes but no electronic devices will be permitted. Each assignment must be meticulously documented and clearly identify its purpose, author, and date. If you miss any test or assignment without making prior arrangements, you will have a zero. I will not give any make up tests. The distribution of grades will be as follows:

Programming Assignments and Projects	40%
Presentation	20%
Two non-comprehensive tests	20% each

/etc/exam_dates

Test 1 October 09, 2008
Test 3 December 04, 2008

In case of class cancellation due to weather-related or other campus emergency, the test will be held in the following class period. For the second test, if the campus is closed on December 04, the alternative date will be the Saturday (December 06, 2008).

/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. I'll encourage you to talk to other students regarding homework but you should not collaborate to the extent that two submissions are copies of each other. If you are found copying an assignment (from another student or internet), or if your submission has *unreasonable similarity* to another submission, you get a zero for that assignment automatically. I may ask you to come to my office and explain your code to me; in case you are not able to explain the code to my satisfaction, I'll assign you a zero in that project.

The projects in this class will take up a lot of your time. So, you should start working on those as soon as they are assigned. In the past, the students who have asked a lot of questions have scored better grades. Do not hesitate to ask

a question in class, in my office, or over email, especially if you do not have an idea on how to start working on the project.

If you have any disability that requires an accommodation (as per UMSL policy), you must notify me in advance.

/etc/notes You will have an account on the Unix machine `grid1.ums1.edu` and you should use it for all assignments. All programs must be done in C. The class notes are available on the class web page in PDF format. The class email list will be announced on the web page when it is set. You are responsible to sign up for it and can do so from an email account of your choice.

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.

Anyone desiring an EXC grade after October 30, 2008 must be passing the course at that point to get EXC.