

## CS 205 - Programming for the Sciences

### Spring 2008 - Exam 2 Review Sheet

Exam 1 will be on Thursday, April 10. It is a practical exam. This means that you will be asked to write actual programs similar to the in-class exercises and programming assignments. The exam is open book, open notes, open your own assignments (but no one else's assignments).

The exam will be cumulative and comprehensive in the sense that you are expected to be able to write code using concepts covered since the beginning of the chapter. However, the exam will emphasize the material since the last exam. The following is a list of topics that will be emphasized, but it is in no way to be construed as an exclusive list.

1. Creation and use of one-dimensional arrays.
2. Use of two-dimensional arrays.
3. Implementation of class constructors and methods, including parsing input strings and overloaded binary operators. Use of class properties, constructors, and methods by form handlers.
4. Throwing exceptions for error handling

The following topics **will not** be required on the exam : graphics, conversion operators, files, arraylists.