CS 185	Handout #1
Spring 1999	March 29 , 1999

Course Information

Instructor: Professor Cliff Stein, 107 Sudikoff , x2760

Lectures: T Th 10:00-11:50, 213 Sudikoff
x-hour W 3:00-4:00. Leave the x-hour free. We may decided to use them.

Office Hours: Given the small class size, I am not setting formal office hours. I am typically in my office 9-5. Feel free to drop by any time to discuss the class. If I am not busy, we can talk then. If you want to be sure that I will not be busy, set up an appointment in advance.

email: I can be reached at `cliff@cs.dartmouth.edu` or `cliff.stein@dartmouth.edu`. I will create a mailing list for the class and will use it to make announcements and to post corrections/clarifications to the homework. Please be sure to check your mail on a reasonably regular basis.

web page: Information will also be posted on the course web page
www.cs.dartmouth.edu/ cliff/courses/cs185.S99/ .

Prerequisites: CS 105 or CS 25 or equivalent.

Text: There is no text for this course. We will be reading a collection of papers and several chapters from books.

Work for the Course:

- **Problem Sets:** There will be 3 or 4 problem sets covering the material in the course. I expect everyone to do most of the problems on the problem sets. Some of the problems will be difficult, and it is not expected that you get every problem.
- **Be a good seminar participant:** The class periods will be a mixture of lectures and group problem solving sessions. You are expected to participate in these sessions, and hence to be in class. You are expected to have done the appropriate reading for the class.
- **Lecture or Project:** I would like everyone to do some sort of project or to prepare a lecture in the course. Projects can be either implementations of algorithms, or research on some scheuduling problem. By midway through the course, you must have decided on either a particular project or a particular lecture.

Problem Sets:

I encourage you to work on your homework in groups, to discuss your ideas with me, and to start early. You will be given plenty of time to do the assignments, however the problems are best approached by starting early, thinking about the problems, putting them away for a day, discussing your ideas with others, etc. This process can not take place successfully in the 12 hours prior to when the homework is due. You must write up your own solutions and list anyone with whom you discussed the problem.

Most of your homework should be handed in on time. If you have not finished by the due date and you wish to keep working on some of the problems for a few days that is fine, provided you have cleared it with me. No homework will be accepted more than 1 week after the due date. There is no specific penalty for one late homework, but there is a penalty for chronically late homework. There is a severe penalty for failure to hand in an assignment. In particular, failure to hand in any one assignment by more than 1 week after the due date may be grounds for failing the course.

Whenever you present a solution, you should carefully explain how and why it works. Examine your justification carefully to make sure that it is complete and correct. Please only write down things that you believe to be correct. If you are certain you have an incorrect answer, do not write an obscure answer in an attempt to gain points. The purpose is to learn the material, not to gain points.

Many of the problems you may be able to solve partially, or for a special case. If this is the case, clearly indicate how much of the problem you are solving and then write that part up carefully.

You do not have to do every problem. However, you should be sure to complete about 2/3 of the problems over the course of the semester.

Grading: Course grades will be approximately 70% Homework, 20% lecture or project, 10% class participation.

Honor code: The Dartmouth Honor Code applies to your conduct in this course. In particular, this means that all work submitted for credit must be your own. You may discuss your homework assignments with classmates and with me. In fact, I recommend discussing ideas and approaches to problems with your classmates. However, you should write up your own written homework solutions and should not read or copy the solutions written by others (in this or previous terms). The Dartmouth College policy on sources also applies to this course. One thing this means is that all sources must be acknowledged, whether allowed by the instructor or not.

Students with Disabilities: I encourage students with disabilities, including “invisible” disabilities like chronic diseases and learning disabilities, to discuss with me after class or during my office hours appropriate accommodations that might be helpful to them.