

CPSC 413: Course Components

Your final grade for the course comes from four components: bi-weekly quizzes, two assignments, a midterm exam, and a final exam. Their percentage of the total grade is as follows:

- Quizzes: 30%
- Assignments: 20%
- Midterm: 20%
- Final exam: 30%

As stated on the course information sheet, you must receive a weighted average of at least C- on the the midterm and final exams to receive at least a C- in the course.

Quizzes

There will be a quiz every two weeks, starting Sept. 23. The quizzes will be held during the joint tutorial session in SA 106, and will last 15-30 minutes. The plan for the content of each quiz is roughly:

- Sep. 23: Asymptotic analysis;
- Oct. 7: Greedy algorithms;
- Oct. 21: More greedy algorithms;
- Nov. 4: Divide and conquer algorithms;
- Nov 18: Dynamic programming;
- Dec. 2: NP problems.

Each quiz is closed book. However, you may drop your lowest quiz mark.

Assignments

There are two assignments, with the first due Oct. 28, and the second Dec. 9. The first will cover asymptotic analysis, greedy algorithms, and divide and conquer algorithms. The second will cover dynamic programming and NP problems. For each assignment, you may work with others in the class. However, each assignment is to be written individually. Thus, while you may discuss ideas for solutions with other students, you must write the solution up yourself.

Midterm Exam

The midterm will be in-class on November 2nd. It will cover everything from the beginning of the year up to and including the class on October 26th. Like the quizzes, it will be closed book.

Final Exam

The final exam date and location is to be set by the registrar. Again, it will be closed book. It will cover all material in the course. However, it will emphasize the material after the midterm exam.

The course website is at
<http://pages.cpsc.ucalgary.ca/~gscruttw/teaching/cpsc413.F2010/>