

15-851 ALGORITHMS FOR BIG DATA — Spring 2025

GRADING

The breakdown for grading is as follows:

1. (10%) Scribing 1-2 lectures. The TA will send out a signup sheet.
2. (50%) There will be 4 homeworks each contributing an equal amount to the grade.

Homework solutions must be typed in Latex, see the course homepage for a short introduction. Collaboration to solve homework problems is allowed, but students must then write up the solutions on their own and list names of all collaborators at the beginning of the first page. You may read papers, books, etc., to help find solutions to problems but they must be properly cited and you must explain the solution in a way that demonstrates your understanding.

3. (40%) After the last homework assignment is due, there will be a class project of 1-2 people per team (possibly 3, though talk to me first). I will suggest a list of research problems on the course website that you are welcome to work on. You don't need to solve the problem to do well on the project; outlining a list of attempts, partial progress, or a literature survey will also result in a strong project score. There will also be a presentation by each group the last 1-2 lectures.