

Comments on Fall 2012 Final Exam and Grades

Course Grades: There were 400 total points in the class. The final had 200 points, the midterm had 140 points, and you received a maximum of 60 points from quizzes (.75 times the sum of your two best quizzes).

The total point scores for the class ranged from a high of 380 to a low of 163 with a median of 291.

I assigned letter grades based on your total points as follows:

A at least 337 points

B at least 282 points

C at least 233 points

(I make upward adjustments in a couple of special circumstances and gave some pluses and minuses.)

Final Examination

There were 200 points possible, allocated as described on the exam.

The class scores ranged from a high of 197 to a low of 72 with a median of 142. The scores were high in part because most people knew what they were doing and in part because we awarded partial credit generously.

1. Most answers were good. A fraction of students claimed to be following the algorithm from class but did not do so completely.
2. For the first part, essentially people knew how to do it or did not. The fastest way to do the second part was to change the side that proposes. (You get non uniqueness if and only if the boy-proposing match is different from the girl-proposing match.)
3. This question played out like the first question.
4. Most of the problems in this question came when it was time to end the algorithm and identify the minimum capacity cut.
5. This question was on the midterm, but at that point I provided the formulation. This problem was the most difficult on the exam.
6. Little partial credit, points allocated, part by part, as 3, 4, 3, 4, 15, 11.
7. 5 points each without partial credit.