

Math 239 Spring 2015 Final Exam Information

“To start preparing for human testing again, I checked an old suggestion box. The number one request? Less deadly tests.....That’s ridiculous, how do they know for sure the tests are deadly if they could still write the suggestion?” – GLaDOS

Time. Wednesday August 5 2015, 12:30-3:00 PM.

Location. PAC 4-8.


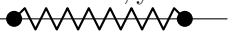
Materials covered. Everything covered in class this term. The exam has about 28% on enumeration and 72% on graph theory. You will be asked to prove some of the following results on the exam:

1. Every tree with $n \geq 1$ vertices has $n - 1$ edges.
2. A graph G is bipartite if and only if G does not contain any odd cycle.
3. Euler’s formula.
4. Every planar graph is 6-colourable.
5. Any k -regular bipartite graph with $k \geq 1$ has a perfect matching.

Calculator. No calculator is allowed.

Office hours. Instructor office hours and TA tutorial centre hours will be posted on Learn.

Writing the exam. Your exam paper will be scanned in greyscale, and only the scanned copy will be marked. Here are some suggestions that would help with the marking.

1. Do not use highlighters, coloured pens or coloured pencils.
2. Do not write too close to the margins.
3. When highlighting an edge in a solution, you should either thicken the edge , or put a zigzag line on it .

INC policy. We will remind you our INC policy from the course outline: In case of serious illness during the final exam, you need to be in reasonable standing before an instructor can grant a grade of INC. To be in reasonable standing means having passing grades for both the assignments and the midterm exam.