

**Maths 220 End of Term Survey – December 2010**

1. What percentage of the lectures did you attend? \_\_\_\_\_ %
2. On average, how much time per week did you spend doing the homework? \_\_\_\_\_ hours
3. Typically, when did you start the homework?
  - As soon as it was posted
  - A couple of days after it was posted
  - A few days before it was due
  - The day before it was due
  - I never do assignments
4. Approximately how much time did you spend studying for each of the midterm exams?
  - Midterm 1: \_\_\_\_\_ hours
  - Midterm 2: \_\_\_\_\_ hours
5. What did you do to study for this course? (check all that apply)
  - Read chapter(s) in the textbook.
  - Took notes on chapter(s).
  - Read class notes.
  - Transcribed class notes into personal notes.
  - Read solutions to the homework assignments or midterms.
  - Redid problems from the homework assignments or midterms.
  - Did additional problems from the textbook.
  - Reworked examples from textbook and/or class notes.
  - Studied with friends.
  - Went to office hours.
  - Went to the drop-in tutoring centre.
  - Worked with a private tutor.
  - Other (please specify) \_\_\_\_\_
6. What part of the course did you find most interesting? Why?
  
  
  
  
  
  
  
  
  
  
7. What part of the course did you find least interesting? Why?
  
  
  
  
  
  
  
  
  
  
8. What part of the course did you find most challenging? Why?
  
  
  
  
  
  
  
  
  
  
9. Do you feel that this course has taught you to follow and construct mathematical proofs?
  - Yes. It has taught me how to follow and make proofs.
  - Sort of. I have learned some proof skills, but do not feel that I have learned enough.
  - Not really. I feel like I have learned only a few useful proof skills.
  - No. The course has not taught me how to follow or make proofs at all.

10. Which of the following skills do you feel comfortable applying to mathematical problems? (check all that apply)
- Using logical connectives and quantifiers
  - Following the logical structure of a mathematical proof
  - Disproving statements by counterexamples
  - Using direct proof
  - Proving by induction
  - Proving by contradiction
  - Applying knowledge of basic set operations and relations between sets
  - Applying knowledge of functions and their properties
  - Applying knowledge of number systems and their properties (real numbers, natural numbers, completeness, cardinality, etc)
  - Constructing sequences and proving their convergence or divergence
11. Which of the following skills do you think you will use the most in your future math courses? (choose 3)
- Using logical connectives and quantifiers
  - Following the logical structure of a mathematical proof
  - Disproving statements by counterexamples
  - Using direct proof
  - Proving by induction
  - Proving by contradiction
  - Applying knowledge of basic set operations and relations between sets
  - Applying knowledge of functions and their properties
  - Applying knowledge of number systems and their properties (real numbers, natural numbers, completeness, cardinality, etc)
  - Constructing sequences and proving their convergence or divergence
12. How do you think this course could be improved?