Math 220 Student Survey

This survey is intended to give us a better understanding of your experience in Math 220 and will be used to improve this course. It is completely voluntary and anonymous.

1) What proportion of the lectures did you attend?

m less than 50%
m 50-59%
m 60-69%
m 70-79%
m 80-89%
m 90% or more

2) On average, how many hours per week did you spend doing the homework?

m less than 1 hour
m 1-2 hours
m 3-4 hours
m 5-6 hours
m more than 6 hours

3) Typically, when did you start the homework?

m Immediately after it was assigned
m A couple of days after it was assigned
m A few days before it was due
m The day before it was due
m The day it was due

4) On average, how many hours per week did you spend reading the text and reviewing your notes?

m less than 1 hour
m 1-2 hours
m more than 2 hours

5) On average, how many hours did you spend studying for each of the midterm exams?

m less than 1 hour
m 1-3 hours
m 4-7 hours
m 8-11 hours
m 12 hours or more

6) How many hours did you spend studying for the final exam?

m less than 1 hour
m 1-3 hours
m 4-7 hours
m 8-11 hours
m 12-15 hours
m 16 hours or more

7) What part of the course did you find most interesting? Why?

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_____
_____

8) What part of the course did you find the least interesting? Why?

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_____
_____

9) What part of the course did you find the most challenging? Why?

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_____

10) Do you feel that this course has taught you to follow and construct mathematical proofs?

m Yes. It has taught me how to follow and make proofs.
m Sort of. I have learned some proof skills, but do not feel that I have learned enough.
m Not really. I feel like I have learned only a few useful proof skills.
m No. This course has not taught me how to follow or make proofs at all.

11) Which of the following skills do you feel comfortable applying to mathematical problems? (choose all that apply)

q Using logical connectives and quantifiers
q Following the logical structure of a mathematical proof
q Disproving statements by counterexamples
q Using direct proof
q Proving by induction
q Proving by contradiction
q Applying knowledge of basic set operations and relations between sets
q Applying knowledge of functions and their properties
q Applying knowledge of number systems and their properties (real numbers, natural numbers, completeness, cardinality, etc.)

q Constructing sequences and testing their convergence or divergence
q Constructing infinite series and testing their convergence or divergence

12) Which of the following skills do you feel least able to apply to mathematical problems? (choose 3)

q Using logical connectives and quantifiers
q Following the logical structure of a mathematical proof
q Disproving statements by counterexamples
q Using direct proof
q Proving by induction
q Proving by contradiction
q Applying knowledge of basic set operations and relations between sets
q Applying knowledge of functions and their properties
q Applying knowledge of number systems and their properties (real numbers, natural numbers, completeness, cardinality, etc.)
q Constructing sequences and testing their convergence or divergence
q Constructing infinite series and testing their convergence or divergence

13) Which of the following skills do you think you will use the most in your future mathematics courses?
(choose 3)

q Using logical connectives and quatifiers
q Following the logical structure of a mathematical proof
q Disproving statements by counterexamples
q Using direct proof
q Proving by induction
q Proving by contradiction
q Applying knowledge of basic set operations and relations between sets
q Applying knowledge of functions and their properties
q Applying knowledge of number systems and their properties (real numbers, natural numbers, completeness, cardinality, etc)
q Constructing sequences and testing their convergence or divergence
q Constructing infinite series and testing their convergence or divergence

14) Do you think some of the content and skills introduced in Math 220 should be taught in first year? Why or why not?

_____
_____
_____

15) How do you think this course could be improved?

_____
_____
_____

16) If you would like to be entered in the draw for a $25 UBC Bookstore gift card, please enter your e-mail address in the blank below:
(This survey is anonymous. Your e-mail address will only be used to contact you in the event that you win the draw)

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Thank you for completing the survey!