

Math 110 Study Habit Survey

This is a survey of your study habits in mathematics. The completion of this survey will count towards your participation, but your individual responses will not affect your grade in any way and will not be accessible by the instructors.

This survey should take about 10 minutes to complete. Please take this survey seriously as your responses will be used for the research about course improvement. If you have questions about the survey, please email Joseph Lo at qwlo@math.ubc.ca. This survey is part of the project with Math 110 supported by the Carl Wieman Science Education Initiative.

1) What is your UBC student number? (We ask for your student number to track completion and for research purpose, so that your responses in other surveys can be matched to those here. Your individual results will not be accessible to the instructors and will not affect your grades.)

2) On average, how much time do you spend on commuting to school?

- m a) Less than 15 minutes one way
- m b) Between 15 to 30 minutes one way
- m c) Between 30 to 60 minutes one way
- m d) Between 60 to 90 minutes one way
- m e) More than 90 minutes one way

Additional comments

3) How many courses are you taking this year (including Math 110)?

Winter Term: _____courses

Spring Term: _____courses

4) Before Math 110 (Sept 2010), when was the last time you took a math course?

- m a) Less than a year before
- m b) Between 1 to 2 years before
- m c) Between 2 to 3 years before
- m d) Between 3 to 4 years before
- m e) More than 4 years before

Additional comments

5) Are you planning to take Calculus II?

- m a) Yes
- m b) Maybe
- m c) No

Additional comments

6) On average, when do you start your homework?

- m a) As soon as the assignments are posted.
- m b) Around 5 days before due date
- m c) 3 to 4 days before due date
- m d) 2 days before due date
- m e) The day before due date
- m f) On due date
- m g) I don't usually do homework.

Additional comments

7) On average, how many hours per week do you spend on doing homework for Math 110?

_____ hours

8) Approximately how many hours did you spend on studying for the February midterm?

_____ hours

9) Do you read ahead before going to lectures?

- m a) Almost always
- m b) Usually
- m c) Sometimes
- m d) Rarely
- m e) Almost never

Additional comments

10) Do you usually review your lecture notes within 1 to 2 days after each lecture?

- m a) Yes
- m b) Sometimes
- m c) I only read my lecture notes when I need to (e.g. doing homework, preparing for tests, etc).

m d) I don't usually read my lecture notes.

Additional comments

11) How do you take lecture notes?

m a) I write down key points the instructor mentioned verbally and copy everything the instructor wrote.

m b) I copy everything the instructor wrote but not much else.

m c) I don't copy everything. I only write down important points.

m d) I don't usually write lecture notes.

m e) Other (please specify below)

Additional comments

12) How often do you use your textbook?

m a) I use it multiple times a week for my regular study.

m b) I usually use it when I do assignments.

m c) I usually use it only before tests.

m d) I don't really use it.

m e) Other (please specify below)

Additional comments

13) Do you find your textbook useful?

m a) I find it very useful.

m b) I find it useful most of the time.

m c) I think it's OK.

m d) I don't find it very useful.

m e) I think it is useless.

m f) Other (please specify below)

Additional comments

14) Do you have any comment about the textbook?

15) Do you think you have enough practice problems to work on when you study?

- m a) Yes.
- m b) I prefer a little more.
- m c) I prefer a lot more.

Additional comments

16) What do you usually do when you study math?

	Almost never	Rarely	Sometimes	Usually	Almost always
Read the textbook.	m	m	m	m	m
Review lecture notes.	m	m	m	m	m
Transcribe class notes or textbook materials into summaries/personal notes.	m	m	m	m	m
Review workshop exercises.	m	m	m	m	m
Redo assignment problems in Webwork.	m	m	m	m	m
Redo assignment problems in Parts B and C before reading the solutions.	m	m	m	m	m
Study the solutions to textbook/assignment/sample test problems without trying the problems first.	m	m	m	m	m
Rework sample problems/examples from the textbook/lecture notes before reading the solutions.	m	m	m	m	m
Do	m	m	m	m	m

assigned/suggested practice problems.					
Do practice problems from the textbook/other sources other than those assigned in the course.	m	m	m	m	m
Study with my group members.	m	m	m	m	m
Study with my other friends.	m	m	m	m	m
Try to explain ideas/concepts from course materials to someone else.	m	m	m	m	m
Play around with technology (e.g. mathematical software, WolframAlpha, graphic calculators, etc) to investigate/explore behaviours/patterns in math.	m	m	m	m	m

17) Do you find anything else that is helpful for you in studying math? (Please specify.)

18) I will not consider myself to have enough preparation for my math test if (choose all that apply)

- q a) I did not memorize solutions to some of the sample problems.
- q b) I cannot work through some of the the problems in assignments without help/referring to the solutions.
- q c) I cannot work through some of the problems in the textbook or past/sample exams without help/referring to the solutions.
- q d) I cannot apply the ideas/concepts to new situations.

- q e) I cannot teach/explain the ideas/concepts to someone else.
- q f) I cannot see how concepts relate to one another.
- q g) Other (please specify below)

Additional comments

19) Do you go to office hours held by your instructor?

- m a) Yes, frequently.
- m b) Occasionally.
- m c) Not really, because I don't need help.
- m d) Not really, because my schedule conflicts with the office hours.
- m e) Not really, because I am usually not around during office hours.
- m f) Not really, because I feel more comfortable asking someone else.
- m g) Not really, because of some other reasons (please specify below).

Additional comments

20) Do you use the drop-in tutorial centre in IBLC or AA (Auditorium Annex)?

- m I don't know that there are drop-in tutorial centres I can go.
- m Yes, frequently.
- m Occasionally.
- m Not really, because I don't need help.
- m Not really, because the TAs there are not helpful.
- m Not really, because it is too crowded and the waiting time is too long.
- m Not really, because the location is inconvenient.
- m Not really, because of some other reasons (please specify below).

Additional comments

21) Which of the following factors do you think will influence success in math?

	not at all	somewhat	moderately	clearly	greatly
Ability to think mathematically	m	m	m	m	m
Ability to work independently	m	m	m	m	m
Appropriate overall workload	m	m	m	m	m
Assignment completion	m	m	m	m	m
Availability of help	m	m	m	m	m

Clearly presented lectures	m	m	m	m	m
Effective study skills	m	m	m	m	m
Enthusiastic lecturer	m	m	m	m	m
Plenty of worked examples available	m	m	m	m	m
Regular attendance at lectures	m	m	m	m	m
Revising past test and exam questions	m	m	m	m	m
Self motivation	m	m	m	m	m
Supportive lecturers	m	m	m	m	m
Taking notes during lectures	m	m	m	m	m
Time management	m	m	m	m	m

22) Which of the following factors do you think will influence failure in math?

	not at all	somewhat	moderately	clearly	greatly
Becoming discouraged	m	m	m	m	m
Dependence on procedures in solving problems	m	m	m	m	m
Emphasis on rote learning rather than understanding	m	m	m	m	m
Excessive overall workload	m	m	m	m	m
Inadequate mathematics background	m	m	m	m	m
Lack of confidence	m	m	m	m	m
Lack of effort	m	m	m	m	m
Lack of interest	m	m	m	m	m
Lack of self-motivation	m	m	m	m	m
Lack of regular	m	m	m	m	m

study routine					
Not completing assignments	m	m	m	m	m
Not enough worked examples available	m	m	m	m	m
Not attending/paying attention in lectures	m	m	m	m	m
Not keeping up with the course	m	m	m	m	m
Poor quality lecturing	m	m	m	m	m
Poor study techniques	m	m	m	m	m

23) Please try to predict your final mark in Math 110.

_____ %

24) Do you have other comments about study habits in mathematics?

25) Do you have general comments about the course?

26) Did you spend more than 15 minutes doing this survey?

- m a) Yes
- m b) No

Thank you for your responses!

The next survey will be given in April, around the last week of classes in Term 2.