Math Marks in Previous Courses

Course	Mark Achieved	Number of Times Course Attempted
MPM1D0		
MPM2D0		
MCR3U0		
MCR3M0* MCR3K0**		
MDM4U0		
MCB4U0		
MGA4U0		
Total Number of Att values in the third col		
Subtract Total Number (Use only math credits f		
*This course counts as {	_	
**This course counts as		
Math Average Ad		

Average	Math	Mark.
Average	Mulli	Mulk.

Subtract 3% × (Math Average Adjustment Factor) -_____

Adjusted Average Math Mark: _

Attitude toward Math

Circle the statement that *best represents* how you *feel* about math. *Please answer honestly!*

- (a) Math is all about *substituting* numbers into formulas. To achieve a great math mark, it is only necessary to memorize all the formulas and know when to use them.
- (b) Math is all about *memorizing* all the examples given in the textbook and those given by the teacher. A great mark can be achieved just by doing this. It isn't necessary to understand the examples and their solutions.
- (c) Math is a *four-letter word* almost as obscene as the famous "w" word ("work"). Both of these words are far viler than the "f" word ("ΦΑΚΚ").
- (d) Math doesn't need to make sense; in fact, math doesn't make sense at all! It's just a set of meaningless rules and symbols. Students use the symbols and rules blindly for the sole purpose of pleasing their teachers and parents.
- (e) Without the answers at the back of the text book, students have *no hope of understanding* math. The greater the percentage of answers obtained that match those at the back of the book, the better the understanding of math.
- (f) I only take math courses because they're required for my *college/university* programme.
- (g) Mathematics is the investigation of axiomatically defined abstract structures using logic and mathematical notation. Accordingly, mathematics can be seen as an extension of spoken and written natural languages, with an extremely precisely defined vocabulary and grammar, for the purpose of describing and exploring physical and conceptual relationships.
- **(h)** In the solution of any problem, the *final answer* is more important than anything else. Therefore, I do not need to show my work.
- (i) I only care about my *final mark*.
- (i) I only care about getting a *credit*.

Basic Skills Problems

Use a Web browser to load the following Web page: http://www.actstudent.org/sampletest/index.html. On the left side of the page you will see a vertical link bar entitled "Sample Tests." Under the heading "Mathematics Test" there are links to five sets of math problems at the grade 11 level or lower. Do each set of problems and record your results in the table given below. *In addition, write full solutions to each problem in your notebook*.

	Question	1	2	3	4	5	6	7	8	9	10	11	12	Scores
Set 1	Your Answer													/12
Set 1	Correct Answer													
Set 2	Your Answer													/12
Set 2	Correct Answer													
Set 3	Your Answer													/12
Set 3	Correct Answer													
Set 4	Your Answer													/11
Set 4	Correct Answer													/11
Set 5	Your Answer													/12
Set 3	Correct Answer													/12
Overall Score							core	/59						

Calculating your Estimated Final Mark in MGA4U0

Using the data collected on the front of this sheet, it is possible to calculate a *rough estimate* of what your final mark will be in MGA4U0. You should use this rough estimate, in addition to a few other factors, to decide whether this course is appropriate for you.

Now complete the following table: (Be honest or the estimated final mark will be meaningless.)

Math Mark (A %) ACT Sample Tests (S %) Activate toward Math" Reduction (R%) Factor (H) MGA4U0	
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The BIG Decision

- □ Is your estimated final mark \geq 65%?
- Did you obtain at least 65% in MCR3U0? (Replace 65% with 80% if MCR3U0 taken in night school or summer school.)
- □ Do you focus on understanding mathematical concepts?
- Do you avoid blind memorization of facts and formulas?
- □ Do you have well developed critical thinking skills?
- □ Do you have well developed problem solving skills?
- □ Are you mature, hard working, ambitious, responsible and driven?
- □ Do you *do your homework regularly*?
- □ Do you do your homework soon after it is assigned?
- ☐ In university, will you be studying math or a math-related field such as engineering, physics, chemistry or computer science?
- □ Do you *enjoy mathematics*?

If you answered a resounding "YES!" to all the above questions, then MGA4U0 is probably the right course for you. If you answered a resounding "NO!" to any of the above questions, then MGA4U0 is probably not the right course for you.