

MHF4U Exam Outline, June 2017

All components have the same instructions, listed below:

1. Read over all parts of this exam, and plan your time wisely.
2. Non-programmable, scientific calculators are permitted, but may not be shared.
3. Textbooks, written notes, programmable calculators, phones, and other electronic devices are prohibited.
4. Show all steps for full-solution questions, and clearly identify final answers.
5. Express all answers in exact, simplified form, unless instructed otherwise.
6. Up to 4 Communication marks may be awarded for proper form, notation and organization.

The format and content of each component is summarized below:

In-Class Day 1 June 5, 2017 (212) 75 minutes	In-Class Day 2 June 9, 2017 (212) 75 minutes	Final Examination June 21, 2017 (Caf) 2 hours
Covers chapters 1-3 20 MC, 4 FS questions (K/A/C) Topics: <ul style="list-style-type: none"> • polynomial functions • polynomial equations • polynomial inequalities • transformations • remainder theorem • factor theorem • rational functions • rational equations • rational inequalities • rates of change 	Covers chapters 4-7 10 MC, 6 FS questions (K/A/C) Topics: <ul style="list-style-type: none"> • radian measure • exact values • trig. functions • trig. identities • trig. equations • exponential functions • exponential equations • laws of logarithms • logarithmic functions • logarithmic equations • rates of change 	Covers all chapters 8 FS questions (T/C) Topics: <ul style="list-style-type: none"> • solving polynomial equations • graphing rational functions • solving rational inequalities • solving trig. equations • proving trig. identities • solving logarithmic equations • verifying equivalent logarithmic expressions • solving equations involving composite functions

MC = Multiple Choice, FS = Full Solution, K = Knowledge, A = Application, T = Thinking, C = Communication

If you are absent for either Day 1 or Day 2, the make-up day is on June 19, 2017. If you are absent for the Final Examination, you will need to provide a doctor's note to the office. An alternate date will be arranged.

Some tips for success:

- Redo previous unit tests.
- Complete questions from the Cumulative Reviews on pages 196, 304 and 476.
- Complete questions from the Course Review on page 479.
- Come to school well-rested and well-fed on each exam day.
- Arrive on time, ready to write.

Good luck!