

Foundation of Math 12 Course Outline 2016 - 2017

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Textbook: Nelson: Foundation of Mathematics 12

Equipment: **ALWAYS** have a pencil, an eraser, a calculator, a ruler and some paper.
Graph Calculator is a must for this course – refer to graphing calculator handout for detail.

Topics: We will be following the order shown below.

Chapter	Topics
3	Set Notation
1	Finance: Investing Money
2	Finance: Borrowing Money
4	Combinatory
5	Probability
6	Polynomial Function
7	Exponential and Logarithmic Functions
8	Sinusoidal Function

Marks: Marks will be split up as shown below.

40% **Assignments:** Homework, activities and projects.

40% **Unit Tests:** Major tests covering the core concepts from the material in each chapter.

20% **Final Exam:** A final exam at the end of the year will test all of the material in the course.

If your final exam mark is higher than your average Unit Tests marks, the distribution of marks will be changed to award your hard work

40% **Assignments:** Homework, activities and projects.

60% **Final Exam**

Extra Help: I want you to pass this course.

- Ask for help when you need it in class. I'll be more than happy to assist.
- Talk to your peers
 - They might have a different way of explaining things that you find easier to understand. Don't underestimate how much this can help.
- Arrange to meet me outside of class hours: before or after school, during lunch
- Attend one of the Math Tutoring sections in school. (this is being organized at the moment, stay tune)

Absences: You may miss classes sometimes due to medical reasons, family business, field trips, etc. If you miss a class, it is 100% **your responsibility** to get caught up. Some things you should do:

- **Get the notes and an explanation** from someone who was here
- **Go through the textbook section** that covers the material you missed
- **Get copies of any handouts** that you missed – I'll have them available
- **Do the homework** that was assigned
- **Hand in** anything that was due that day
- **Ask me questions** after you have done all of that other stuff

If you miss a test, you will write a make-up test immediately when you get back unless there is some extremely good reason not to. Expect the make-up test to be at least as hard as the original – after all, you had extra time to prepare. If you know about your absence in advance, it is in your best interest to arrange to write the test ahead of time instead of late.

Food and electronics:

- Unfortunately this is a SCIENCE ROOM, which means no food or drinks. People dissect chemically-preserved animals on these tables. If you want to eat off of them, that's disgusting.
- Music **IS NOT** allowed when I'm talking or during notes, labs and activities.
- Music is fine while you are working independently (not during quizzes and tests of course), but your media player should be FLAT ON YOUR DESK, not in your hands.

Cambie's Three Rs

Be Responsible:

- An abuse of the washroom privilege will result in it being taken away.
- Do your own work. Anything perceived as cheating will result in an automatic zero, as well as further disciplinary action after consultation with the principal and your parents. **DON'T DO IT!!**

Be Respectful:

- Do not interfere with the education of others (e.g. talking out of turn or while others are talking, making excessive noise, etc . . .)
- Respect for every member of the classroom. Failure to show respect will not be tolerated.

Ready to Succeed

- Bring all necessary supplies to class.
- Be on time. If you are late, bring a note.
- Make sure you record each day's assignment in your agenda.