Course: Foundation of Mathematics and Pre-Calculus 10

Teacher Name & Contact Information: Mrs. Yoo (jyoo@sd44.ca)

Course Description

Foundation of Mathematics and Pre-Calculus 10 will closely adhere to the provincially prescribed curriculum. A detailed summary of the BC math curriculum can be obtained at the BC Ministry of Education website: https://curriculum.gov.bc.ca/curriculum/mathematics. Students will be expected to develop the curricular competencies of reasoning and modeling, understanding and solving, communicating and representing, and connecting and reflecting. Students are also expected to meet the learning outcomes (content standards) of this curriculum.

Textbook

Mathematics 10, McGraw Hill Ryerson, 2009 (Charge of approx. $75 if lost or damaged.)

Course Expectations

1. Classroom Behaviour
Mature and considerate behaviour is expected throughout the class time. I expect everyone in our class to be responsible, co-operative, and respectful for your peers as well as the teacher. Please be in class and ready to start on time every day. Repeated tardiness will be referred to the counselor/administration team and parents will be contacted.

2. Materials
Students must bring the following materials to every class:
- Textbook (for classwork & homework)
- Pencils, pens, eraser, ruler, protractor and highlighter
- Binder with lined and graph papers or a notebook
- Graphing calculator is **highly recommended** (you will need it in FOM 12; eg. Ti-83, Ti-84, etc…). Or else, a scientific calculator is the **minimum requirement**.

3. Attendance
All unexpected and expected absences from the class must be excused by calling in to the office. Students are responsible for checking in with the teacher or their peers about what they have missed from their absence (that includes notes, homework), and get caught up to the most up to date material. If students miss a quiz or test, they need to provide a note from their parents and must have a legitimate reason to be allowed to write a make-up quiz/test.

4. Usage of Electronics
Usage of cell phones or other electronic devices are strictly prohibited throughout the classtime. No exceptions! The only exception is listening to music only while working on classwork and homework (subject to change if it doesn't do benefits for your learning). Your device will be taken away in anytime during class if it was seen being used. Repeated offence will be reported to counselor/administration team and parents will be contacted.

5. **Assignment**
   a) Classwork: The first part of the assignment is classwork, where students are expected to finish during the class time right after the lesson (roughly around 30 min daily). Students must show their work and check their answers from back of the textbook. If the classwork hasn't been finished for repeated times, parents will be

contacted to discuss active participation within the class. When finished, students can hand it in to the teacher, and start the next part of assignment.

b) Homework: This is the second part of the assignment, where students are expected to finish the daily assignment (excluding the classwork, which should already be done). Homework will be checked randomly. I will collect some of the assigned worksheets, and review assignment if provided from each unit for mark! Late assignment will result a lower/no mark..

6. Quizzes and Tests

Quizzes will be given on a regular basis, and tests are given out at the end of each chapter. Missed tests/quizzes due to illness will require a parent's or a doctor's note if you have been to a clinic/hospital. It is expected that students will re-write the test on the day of return. Missed tests/quizzes as the result of school functions or athletic commitment require a pre-arrangement with the teacher before the activity. Failure to do so will result in zero! Cheating of any kind will not be tolerated! The consequence will include zero on the test as well as follow up with the administrator.

Course Content (The term topics subject to change)

Ch.5 – Polynomials
Ch.6 – Linear Relations
Ch.7 – Linear Equations and Graphs
Ch.8 – Solving Systems of Linear Equations Graphically
Ch.9 – Solving Systems of Linear Equations Algebraically
Ch.4 – Exponents and Radicals
Ch.3 – Right Triangle Trigonometry
NEW – Arithmetic Sequences & Series **(Ch. 1.1 – 1.2 @ Pre-Calc 11)**
NEW – Financial Literacy **(Ch.1 @ A&W 10)**
NEW – Experimental Probability (**Ch. 9 @ Math Makes Sense 9)**

Mark Distribution:

Grading will be done cumulatively throughout the school year

Marks for Each Term Report	% of Term
• Tests	40
• Quizzes	20
• Assignments (classwork & In-Class Problem Sets)	10
• Inquiry Project	10
• Final Exam	20
Total	**100**

Thank-you for reviewing with your child the course outline and classroom expectations for **Math 10 Foundations & Pre-Calculus**. I hope this serves as a reference for you to help your child achieve success this year. Please spend some time reviewing the expectations of this course with your child. If you have any questions, do not hesitate to contact me via email.

jyoo@sd44.ca

After you have read the contents of this **Math 10 Foundations & Pre-Calculus** Introductory Outline, please sign below. If you have an email address, please include it, as this is usually a quick and efficient way to contact you if I have any compliments regarding your child's achievements or concerns related to their studies. Please attach any comments below that may help me to better serve the learning of your child. Thank you.

Michael Chang

❖ _____   _____
    Parent/Guardian Name   Parent/Guardian Signature

❖ _____   _____
    Child's Name   Parent/Guardian Email Address

❖ _____   _____
    Date   Contact Telephone Number

Comments for the teacher:

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