FOUNDATIONS of MATH and PRE-CALCULUS 10

2017-2018 Course Outline

Teacher: Ms. M. Kamber Email: Micheline.Kamber@sd41.bc.ca

Room: G206 Website: mkamber.weebly.com

**Topics**

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| * Measurement (Ch 1)
* Trigonometry (Ch 2)
* Factors and Products (Ch 3)
* Roots and Powers (Ch 4)
 | * Relations and Functions (Ch 5)
* Linear Functions (Ch 6)
* Systems of Linear Equations (Ch 7)
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Course Evaluation

**Term Mark:** 80% Tests \*

 10% Quizzes, Assignments\*

 10% Math Portfolio \*

 *\* Subject to change*

**Final Mark:** 90% Terms 1, 2, and 3 will be weighed equally

 10% Final Exam

**Course Materials**

Textbook: *Foundations and Pre-calculus Mathematics 10, Pearson*

Student binder with: Lined paper for notes in a binder

 Graph paper

 2 dividers (Notes and Homework)

Stationary supplies: pencil, pen, eraser, ruler, highlighter, glue stick

Scientific calculator: with sin, cos, tan buttons, and preferably with fraction button, to be used for enrichment and coursework

Graphing calculator: Optional – may be used in class but not for tests

Assignments and Practice

* Each class, you will receive a math assignment (usually some questions from the textbook) that will help you practice and develop understanding.
* For each assignment, write down the *section title, page number, and assigned date.*
* If you do not complete an assignment during class time, you will need to finish it outside of class.
* It is your responsibility to *complete* the assignments, *check your work*, and ask questions about anything you don’t understand. Remember, the more you practice, the stronger the neural connections you’ll make!
* This course moves quickly: you cannot put off learning a specific topic and still expect to be able to move on with the next lesson.

Math Portfolio

You will be documenting your learning in this course through an online math portfolio. This e-portfolio will contain samples and explanations of your work throughout the school year. It will be your responsibility to maintain your math portfolio by posting samples of work and providing comments on a regular basis. The website we will use to maintain this math portfolio is FreshGrade. Your parents will also have access to your e-portfolio.

Expectations

1. Be **RESPECTFUL** and behave maturely towards everyone in the class.
2. **Work** hard and be **kind**.
3. Keep a **growth mindset**. (Believe in your math abilities!)
4. Keep **cell phones** away unless instructed by the teacher.
5. If you are **absent**, you must bring a valid note from a parent/guardian. Students are expected to check my website (mkamber.weebly.com) for details of assigned work and to be up to date on material when they return.
6. **Be prepared** to work with others and for changes in seating.
7. Try your best but ask for **help**. You can make an appointment to see me during lunch or after school. I am usually in my classroom (G206) or in the math/science prep room (A226) outside of class hours.

Absences on the Day of a Test

If you know in advance that you will be absent, please inform me ahead of time. If you are absent on the day of a test, please have your parent/guardian validate your absence by sending me an email (Micheline.Kamber@sd41.bc.ca) or leaving me a phone message (604-664-8560) *on the* *day of the test*. 