

PRE-CALCULUS 12 COURSE OUTLINE

Ms. Dodge

Panorama Ridge Secondary

Welcome to Pre-Calculus 12. I would like to take this opportunity to personally welcome you to the Math Department at Panorama Ridge Secondary. **This course is a challenging course** and will require a level above last year in terms of maturity, focus, effort, and preparation. Don't take it lightly. You won't 'cruise' through this course even if you have in previous courses. Be diligent about completion of daily assignments and checking your answers and multi-day test preparation. You can do well. It takes a large amount of grit and attention to detail. You must take responsibility for your own performance. My goal is that you will look back on your experience here as a very positive one.

The following course outline explains how the class will be structured, my expectations of you, what you can expect from me, what will be covered in this course and the marking scheme that you will be graded on this term. Please read this with your parent(s)/guardian and if you have any questions, please ask.

Supplies

Please bring the following supplies to class on a daily basis:

- Pen(s), **pencil(s) and eraser**
- Pencil crayons and/or highlighters
- Ruler
- Binder (2" at least!!)
- Notebook dividers (6)
- Lined paper or spiral bound book
- Calculator (Scientific) Graphing calculator optional, but not allowed on exams!
- Pre-Calculus 12 – My Worktext \$ 25



"Mr. Osborne, may I be excused? My brain is full."

Pre-calculus 12 Units:

- Chapter 0: Pre-Calculus 11 Review
- Chapter 1: Polynomial Expressions and Functions
- Chapter 2: Absolute Value and Reciprocal Functions
- Chapter 3: Rational Functions
- Chapter 4: Transforming Graphs of Functions
- Chapter 5: Combining Functions
- Chapter 6: Geometric Sequences and Series
- Chapter 7: Exponential and Logarithmic Functions
- Chapter 8: Trigonometry
- Chapter 9: Trigonometric Equations & Identities
- Chapter 10: Conics

Evaluation:

- Quizzes..... 10 %
- Assignments 10 %
- Tests 60 %
- Final Exam 20 %

**** Please keep this outline in the front of your notebook for future reference ****

Term marks will be based on the following guidelines:

A:	86 % -- 100 %
B:	73 % -- 85 %
C+:	67 % -- 72 %
C:	60 % -- 66 %
C-/I	50 % -- 59 %
F:	0 % -- 49 %

Guidelines and Expectations:

1. TECHNOLOGY (I-Pods, cell phones, ...)

Off and away (not on your desk) please. After years of observation, it is obvious that students who exert sustained focus on the concepts of this course generally have a deeper understanding of the concepts taught. **Your cell phone is a distraction**, so lets keep it away from exerting an influence. I want you to do your very best here, and I hope you want that too.

2. BEHAVIOR

- Use 'Appropriate' Behavior. As a student I am sure that you are aware of
 - Treat teacher and classmates with respect
 - Listen when others are talking
 - Be considerate
 - Take responsibility for your actions
 - Treat school property with care (desks and dividers)
- Give the teacher their full attention during the lesson. Only one person should be talking at a time.
- Raise your hand unless told otherwise
- Treat substitutes with respect.
- **Listen** to the announcements, preferably in your seats, without talking
- Remain in your seats until dismissed – Ms. Dodge hates people waiting at the door.
- Eating in class – No food will be allowed. Liquids with lid are okay. GUM has become an issue!
- If you have a problem with the course, please see me privately for a mature discussion.

3. MISSED CLASSES/ILLNESS & LATES

Arrive to class on time. If you are late please come in quietly and do not interrupt the class. If tardiness becomes a habit, you will have a phone call home to your parents.

If you miss class it is your responsibility to catch up on the missed work. Please exchange numbers with at least one person in the class. There is also teams.

A student who misses a test or quiz may be given the opportunity to write a make-up test if the student brings a note addressed specifically to me in which the parent/guardian states that he/she knows the student missed a test/quiz and gives a specific reason for missing the test/quiz. These will be scheduled for after school and attendance is considered mandatory.

4. BATHROOM BREAKS

Please use the washroom at your convenience, and remember to wash your hands. You are responsible for any missed work and your actions outside of the classroom. Just in case I wasn't clear, please do not disrupt other classes and ruin this privilege for everyone else!!

5. PLAGIARISM, COPYING AND CHEATING

Don't do this! Have fun, share ideas and collaborate instead. **All electronic devices are to be put away during quizzes and exams.** This includes electric watches etc.

6. EXTRA HELP

I strongly encourage you to ask me for help when necessary. It is my pleasure to help! Generally I am here before school, lunches, and after school. This semester my schedule is as follows:

- Block A – Pre-Calculus 11 Room C006
- Block B – Pre-Calculus 11 Room C006
- Block C – Pre-Calculus 12 Room C006
- Block D – Physics 11 Room C006

7. HOMEWORK/ASSIGNMENTS/LABS

Assignments should be handed in on the due date. I will try and give you more than one day to complete assignments; however this will not always be possible with the pace of the course. **Once assignments are returned, alternate will be assigned**

Your name, the block number, and the date it was handed in should always be on the front, top right corner of your work. Similarly, the assignment should always have a title at the top middle of the first page.

8. TESTS/QUIZZES

EXPECT HOMEWORK AND A QUIZ OFTEN AND SOMETIMES WITHOUT NOTICE. I will give as much notice as possible before a tests, but quizzes will be given sporadically and often without notice. There will be 7 unit tests which will occur throughout the semester. Be prepared as these are worth most of your grade.

9. CONTACT INFO

If you need to contact me outside school hours please feel free to e-mail me at dodge_a@surreyschools.ca. or teams