Pre-Calculus 12 Course Outline: Fall 2022

Instructor Mr. Sheldon

Room 116

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Website: http://pattisonhighschool.ca/teachers/mr-tobin-sheldon/

Teams:

You have all been added to a class on Microsoft Teams. I will be sharing material and announcements on this site. Please check it regularly or use it to ask any questions.

Course Description:

This course covers transformations and functions, trigonometry, exponential and logarithmic functions and equations and functions. Students will be expected to complete quizzes, homework, projects, and written assignments.

Distribution of Marks

Participation + Homework		20%
Quizzes	(approximately 1-2 per week)	20%
Tests	(approximately 6 chapter tests, midterm, and final exam)	40%
Projects and Assignments	(presentation projects, in class assignments)	20%

Course Schedule

Topic	Textbook Chapter	Time Line
Function Transformations	Chapter 1	1 week
Radical Functions	Chapter 2	1 week
Polynomial Functions	Chapter 3	1 weeks
Trigonometry	Chapter 4-6	3 week
Midterm Exam		October 20-25
Exponential Functions	Chapter 7	2 week
Logarithms	Chapter 8	2 weeks
Rational Functions	Chapter 9	1 week
Permutations and Combinations	Chapter 10	2 weeks
Final Exam		December 8-15

Homework and Participation

Homework and participation are worth 20% of your final mark. I expect you to participate each class by asking and answering questions or engaging with the class. I will be tracking your participation and homework throughout the course. Homework that is completed late will be given half marks.

Quizzes

There will be about 1 to 2 quizzes each week. These will be a few questions to check for your understanding. I will usually plan for quizzes on Wednesdays or Fridays.

Missed Classes

If you miss a class, <u>it is your responsibility to catch up</u> on the missed material and homework. Class material is available online, however, much of your mark is dependant on Class Participation.

Technology in the Classroom
We will be using a lot of technology to assist in our learning, including graphing tools, online research, and simulations. Please let me know if you need any help using any of these tools.
I do expect to have your attention during class meetings, and if technology becomes a distraction, I may ask you to leave it at my desk until the end of class.

Cheating and Plagiarism

Plagiarism and cheating will NOT tolerated. First offence everyone involved gets zero. Second offence everyone involved will be asked to leave the course. I will often ask you to work together, but you cannot copy each others work. When working together, <u>you must show all your work</u> and have individual responses to questions.

Extra Help
If you have any questions or would like some extra help, I am often available before class and after school. Feel free to come by to ask any questions.

Online Resources

https://portal.sd22.bc.ca/class/t9atw3l/Pages/default.aspx

https://sites.google.com/site/mrslawsclass/precalculus-12/precalculus-12-notes

https://www.khanacademy.org/

https://www.desmos.com