

ST. FRANCIS XAVIER CATHOLIC HIGH SCHOOL



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Mathematics 2021-2022

Math 30-1

Semester 2: February 2022 – June 2022

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Google Classroom Code: xitfgbl

St. Francis Xavier High School acknowledges Treaty 6 territory—the ancestral and traditional territory of the Cree, Dene, Blackfoot, Saulteaux, Nakota Sioux, as well as the Métis. We acknowledge the many First Nations, Métis, and Inuit whose footsteps have marked these lands for generations. We are grateful for the traditional Knowledge Keepers and Elders who are still with us today and those who have gone before us. We recognize the land as an act of reconciliation and gratitude to those whose territory we reside on or are visiting.

GENERAL OUTCOMES/ COURSE OVERVIEW

<u>Unit</u>	<u>Title</u>
I	Functions and Relations
II	Transformations
III	Trigonometry I – Functions and Graphs
IV	Trigonometry II – Equations and Identities
V	Exponential and Logarithmic Functions
VI	Applications of Exponent & Log Functions
VII	Polynomial Functions and Equations
VIII	Analyzing Radical and Rational Functions
IX	Permutations and Combinations

ASSESSMENT

School based mark is weighted as follows:

Quizzes and assignments (may be announced or unannounced)	15%
Unit exams (full period exams that occur at the end of each unit)	65%
Midterm Exam (a summative evaluation of first 4 units)	20%

The final school mark will be calculated cumulatively and is worth 90% of your final course mark. The other 10% comes from the result of your diploma exam written in January.

In-Class Unit Exam Structure: 80 minutes with optional additional 15-minutes extra time



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- 15 machine scored questions: Multiple choice and Numerical Response [2 marks each] (Approximately 65% of Exam)
- 3-4 written response (Approximately 35% of Exam)

Diploma Exam Structure: 3 hours with an optional additional 3 hours.

- 24 multiple choice and 8 numerical response 75% of the Exam
- 3 written response 25% of the Exam

DIPLOMA EXAM: January 20th 2022, 9:00 am

Diploma Structure (Machine Scored) will follow the Guidelines Below

Diploma Exam Content	Percentage Emphasis
Relations and Functions – Units 1, 2, 5-8	53%-58%
Trigonometry – Units 3 and 4	27%-33%
Permutations, Combinations, and the Binomial Theorem - Unit 9	14%-18%

Cognitive Level	Emphasis
Procedural	30%
Conceptual	34%
Problem Solving	36%

IMPORTANT:

A wide range of assessment information is used in the development of a student’s final grade. At St. Francis Xavier High School, individualized assessments provide specific information regarding student progress and overall performance in class. Student assessment may vary from student to student to adapt for differences in student needs, learning styles, preferences, and paces. It should also be noted that not all assignments are used to determine the final grade, and that scale factors may have been used to determine the weight of individual assignments.

MISSED ASSESSMENT POLICY

Missed Exam Policy:

Missed assessments will be assigned a mark of **zero** and will be completed as soon as possible pending the student’s return. Marks for the missed assessment will only be awarded when a parent/guardian/doctor supplies a note with contact information and a valid reason for the absence. (Please see student handbook for the list of valid reasons: <http://stfrancisxavier.ecsd.net/handbook.php>). Please notify the teacher **prior** to extended absences if possible.

PLAGIARISM



We provide a Catholic education, where the Core Values of dignity, respect, fairness, personal and communal growth, loyalty, and honesty are the framework for all that we do. Within this Catholic education that St. Francis Xavier School provides, one of our main focuses is to encourage and facilitate the pursuit of knowledge and excellence in academics. To ensure that we attain this focus, all students at our school community are expected:

1. to meet the standards of individual integrity outlined in the policy;
2. to practice intellectual honesty in the process of acquiring and extending knowledge by improving their own personal academic competence, critical thinking, and self-evaluation.

Therefore, students who submit work not their own, take or copy answers from another student or source (cheating), provide answers to any assessment to another student (collusion), cheat during examinations, or use unauthorized means to obtain answers or complete work, after investigation by the teacher supervisor, are at risk of the following:

- First offense – May receive a zero for the assessment and a two-day suspension.
- Second offense – May receive a zero for the assessment and a three-day suspension.
- Third offense – May be removed from the class, further suspensions, or possible recommendation for expulsion.

Conditions surrounding the investigation will be considered and each situation will be dealt with on an individual basis. Review of the incident will first be conducted by the teacher and will then potentially involve additional staff (department head), administration, parents and the student(s) involved.

SCHOOL POLICIES

St. Francis Xavier does not publish report cards. Parents and students are encouraged to keep up to date on Power School and contact their teacher if there are any issues.

At St. Francis Xavier, zeros may be administered for incomplete or absent work with the opportunity to rectify the mark with conversation with their teacher.

CELL PHONE POLICY

Cellphones may be used in the classroom by the teacher invitation only. If the teacher deems the device is a distraction to the learning environment, the teacher reserves the right to ask that the phone be put away or to confiscate until the end of the class.

No cellphones shall be on a student's person during an assessment and should be put on mute in their bag. A zero will be awarded if the device was used for cheating.

