



Royal West Academy

Course Outline

Course: **Mathematics 414_Cultural, Social, and Technical Option**

Teacher: **A. Abraham** Room: **201**

E-mail: aabraham@emsb.qc.ca

Texts/workbooks: Math 414 Course Notes (Math Help Services);
Math 3000 Practice Workbook

Course description: Math 414 is a grade 10 class that includes the following topics: Functions, Linear systems, Statistical analysis, Geometry, and Trigonometry

Remediation: Day 2 & 6 @ Lunch (12:30-1:10)/ Location: Rm 201

Materials Required: Loose-leaf, graph paper, three ring binder, pencils, erasers, red pen, ruler, scientific calculator. Technological device to access Google Classroom and Math Help Services.

Communication with Students/Parents: I communicate using the above EMSB email. Students may also send messages in Google Classroom. It is strongly recommended that students and parents regularly check their EMSB email and Google class posts for course work.

Evaluation

Term 1 (40%) - September 1st to January 18th		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Quizzes (or Test) Assignments	Weekly (Check Google calendar)
Competency 1: Solves a situational problem	Situational problems	Generally two or three in the term
Term 2 (60%) - January 19th to last day of classes		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Quizzes (or Test) Assignments	Weekly (Check Google calendar)
Competency 1: Solves a situational problem	Situational problems	Generally two or three in the term

Note: Competency 1 is worth 30% of the final mark while competency 2 is worth 70% of the final mark in any term.

End of the Year Results

Term 1	Term 2	=	100% of School Mark
40%	60%		
End-of-Year Exam (20%)			

Additional Information / Specifications

Absent from class: Students will be given a course pack with all notes and examples covered in class. Therefore students are responsible for all material covered when they are absent from class.

Absent for a test: If a student is absent for a test, a note explaining the absence from the evaluation will be required when the student returns to school. A student who is absent because of an ECA activity must notify the teacher ahead of time. Repeated absences will be reported to the administration. ****All missed tests will be rewritten at the teacher's convenience. It is the student's responsibility to contact the teacher.**** If these procedures are not followed a mark of 0 will be given for the test or evaluation.

Absent on a day an assignment is due:

- Student must contact the teacher as soon as possible (email or Google Classroom). An arrangement will be taken on a case by case basis at the teacher's convenience.
- Late assignments: Students will not be allowed to view the correction period of that assignment, and will lose 20% per day that it is late.
- Planned absence: Hand it in before the due date.

Homework: Students MUST do their homework, even if homework is not checked or marked regularly.

Remediation: If results show that a student is experiencing difficulties, they may be obligated to attend remediation.

Math resources

- <http://www.khanacademy.org/> → A website containing small videos on many different subjects, including mathematics. It also features many practice problems.
- <http://learnquebec.ca/> → An online website including slide shows on many different subjects and online tutoring. You need a password, provided by the homeroom teacher or the administration.

Peer tutoring: A tutoring service organised by Mrs. DiPietro (room 226) where students tutor other students.

Important note to students and parents/guardians regarding course outlines: Due to COVID-19, there are many unknowns as to how the 2021-22 school year will unfold. Please note that the information on this outline may need to be modified as the year progresses. Rest assured that any changes made will be done so to reflect what we feel is best to maximize students' success.