



Royal West Academy

Course Outline

Course:	Mathematics 4A/506 - Science Option	
Teacher:	A. Abraham	Room: 201
E-mail:	aabraham@emsb.qc.ca	
Texts/workbooks:	Math 4A/506 Course Pack; Math 3000 Exam Prep Workbook; Math Help Services Online Resources	
Course description:	Science Math is a grade 11 class that includes the following topics: Optimization, Functions, Trigonometry, Conics & Vectors	
Remediation:	Days 3 & 6 @ Lunch (12:30-1:10 in Rm 201)	

Materials Required: Loose-leaf & graph paper, 3-ring binder, pencils, erasers, red pen, ruler, scientific calculator.

Communication with Students/Parents: I communicate by EMSB email most of the time. You can always send me an email if you have questions or concerns and I will reply as soon as possible. It is strongly recommended that parents/students regularly check their EMSB emails. Students must also keep up to date with their Google Classroom account, as course details and assessment dates will be posted there.

Evaluation

Term 1 (20%) - August 31st to November 3rd		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Tests Assignments	Every 2 weeks approx. Every 2 weeks approx. (Check Google Class calendar)
Term 2 (20%) - November 4th to February 16th		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Tests Assignments Mid Term Exam (TBD% of T2)	Every 2 weeks approx. Every 2 weeks approx. (Check Google Class calendar) Mid-December
Competency 1: Solves a situational problem	Situational problems	Generally two or three in the term
Term 3 (60%) - February 17th to last day of classes		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Tests Assignments	Every 2 weeks approx. Every 2 weeks approx. (Check Google Class 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	Term 3	=	TBD% of Final Mark	
20%	20%	60%			
EMSB Final Exam				=	TBD% of Final Mark

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 he/she/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 Class). 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, he/she may be obligated to attend remediation.

Math Help Services: Each student will have an account. They can view tutorials on subjects learned in class and may be assigned tutorials and online assignments as well.

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.
- <https://www.cemc.uwaterloo.ca/courseware> → It contains really good math videos and practice exercises.
- Peer tutoring: A tutoring service organised by Mrs. DiPietro (room 226) where students tutor other students.

Note to students and parents/guardians: Please note that the information on this outline may need to be modified as the year progresses, in keeping with on-going Covid-19 repercussions. Rest assured that any changes made will be done so as to maximize students' success. An updated version will be available on the school website and in Google Classroom.