



Royal West Academy

Course Outline

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

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

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Texts/workbooks: Visions Book 1 & 2 (Secondary Cycle Two, Year Two);
Math 3000 Course & Exam Prep 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 5 & 6 @ Lunch (12:25-1:05 in Rm 201)

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

Communication with Students/Parents: I communicate by 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. I strongly encourage parents to attend the parent-teacher interview. I will also be posting marks on Schoology. These will be available to parents with an account.

Evaluation

Term 1 (20%) - August 29th to November 12th		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Tests Assignments	Every 2 weeks approx. Every 2 weeks approx. (Check schoology calendar)
Term 2 (20%) - November 13th to February 8th		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Tests Assignments Mid Term Exam (50% of term2)	Every 2 weeks approx. Every 2 weeks approx. (Check schoology calendar) End of January
Competency 1: Solves a situational problem	Situational problems	Generally two or three in the term
Term 3 (60%) - February 11th 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 schoology 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

Competency 1 (30% of final math mark)				
Term 1	Term 2	Term 3	=	70% of Final C1 Mark
20%	20%	60%		
EMSB Final Exam (June)			=	30% of Final C1 Mark

Competency 2 (70% of final math mark)				
Term 1	Term 2	Term 3	=	50% of Final C2 Mark
20%	20%	60%		
MELS Final Exam (June)			=	50% of Final C2 Mark + Moderation

Additional Information / Specifications

Absent from class: Students will be given course notes with examples, to complement topics covered in their Visions textbook. Therefore students are responsible for all material covered when he/she is 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 schoology). 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 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.

Please sign and return the attached page and keep this course outline for future reference.

Course Outline 2018-2019

Mathematics (414)_CST Option

Parents without a parent Schoology account are strongly recommended to create one using the code provided below.

Follow the steps below to create a schoology parent account:

- Go to www.schoology.com
- Click on sign-up, then on parent
- Enter the parent account number and all required information

Schoology Parent Code: _____

Parents signing this form acknowledge the following:

- *I have read the attached course outline*
- *My child's results and on-going Math program information will be communicated through Schoology*

Please keep the course outline for future reference.

Student's name _____ Student's signature _____

Parent's name _____ Parent's signature _____