



## Royal West Academy

### Course Outline

Course: Mathematics 506 Science Option

Teacher: M. Zuccaro Room: 303

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Texts/workbooks: Math Help Services and Course Packs provided by the teacher, Workbook: Math 3000-Sec 5-Science Option-Preparation for final exam

Course description: Grade 11 Science Math cover the following topics: Optimization, Functions, Trigonometry, Conics and Vectors.

Remediation: Day 1 and Day 4 at lunch time in room 303

**Materials Required:** Green or red pen, ruler, pencils, eraser, highlighter, scientific calculator (NOT GRAPHIC) (ideally with display) . Course packs will be distributed.

**Communication with Students/Parents:** Communication via E-mail. Parents and students are responsible for daily check to their email and Google Classroom. The results of important evaluations will be posted in Mozaik to keep parents informed of their child's progress.

**Evaluation**

<b>TERM 1 (20% of year-end grade):</b> August 30 <sup>th</sup> – November 2 <sup>nd</sup>	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class tests, assignments and/or homework	Weekly to Bi-weekly

<b>TERM 2 (20% of year-end grade):</b> November 3 <sup>rd</sup> – February 2 <sup>nd</sup>	Evaluation Methods	Timeline
Competency 1: Solves a situational problem	Situational problem assessments and/or assignments	Generally, two to three
Competency 2: Uses mathematical reasoning	Class tests, assignments and/or homework  <b>Mid-Year Exam</b>	Weekly to Bi-weekly  <b>End of January, worth 50% of C2</b>

<b>TERM 3 (60% of year-end grade):</b> February 5 <sup>th</sup> – June 21 <sup>st</sup>	Evaluation Methods	Timeline
Competency 1: Solves a situational problem	Situational problem assessments and/or assignments	Generally, two to three
Competency 2: Uses mathematical reasoning	Class tests, assignments and/or homework  <b>Final Exam</b>	Weekly to Bi-weekly

*Note: Competency 1 is worth 30% of each term, Competency 2 is worth 70% of each term.*

*Evaluation methods, frequencies and values are subject to change.*

**End of the Year Results**

Competency 1 (30% of final math mark)					Competency 2 (70% of final math mark)				
Term 1	Term 2	Term 3	=	TBD % of Final C1 Mark	Term 1	Term 2	Term 3	=	TBD% of Final C2 Mark
20%	20%	60%			20%	20%	60 %		
Final Exam (June)			=	TBD% of Final C1 Mark	Final Exam (June)			=	TBD% of Final C2

**Additional Information / Specifications**

**Classwork:** Course packs will be found on the classroom portal (Google Classroom). Students are responsible for keeping track of assessments dates and deadlines. Students **may** be granted extensions in the event of extenuating circumstances if they request one from the teacher **at least 2 days** in advance.

**Absent from class:** Students are responsible for all material covered when they are absent from class.

**Absent for a test:** Students must have a valid reason to miss a test. A note explaining the absence from the evaluation may 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 the following procedures are not followed a mark of 0 will be given for the test or evaluation.

**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.
- <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. There are also online tutoring sessions.
- <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.

**Summer School**

In the event of a failed course, it is possible that the student may be required to attend summer school.