

Course Content
Mathematics 456 – Science option
Laval Liberty High School 2013-2014

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Course Content and General Program Objectives

Topic	# of periods	Comments
Algebraic Expressions	14	
Systems of Equations	6	
Functions	14	End of term 1
Polynomial Functions	12	Mid year exam
Other Functions	5	End of term 2
Analytical Geometry	12	
Triangles	12	
Trigonometry	11	
Statistics	7	
Probability	8	
End of year review		End of term 3 – June

Note: the # of periods spent on each topic is approximate

Texts: Mathematics 3000 workbook

Competencies:

1. Solves a situational problem
2. Uses mathematical reasoning

Weighting:

1. Solves a situational problem 30%
2. Uses mathematical reasoning 70%

There will be a mid- year and end of year examination covering the topics mentioned above. A detailed explanation of the summative testing will be given to all students when the examination approaches

Assessment	Weight	Comments
Tests	80%	There will be 4 test per term approximately every 2 weeks
Quizzes	10%	
Homework	10%	

There are compulsory regional and MELS exams in June which will be incorporated in the final summative grade of each student

Class Rules

- Come to class ON TIME, ALL the TIME (late students must wait at the door and wait for permission to enter the classroom. Late students will not be allowed in without a LATE SLIP)
- Be ready to work as soon as the bell rings. Take out all necessary materials, including your binder, lined paper, your notes, a pen, a pencil, an eraser, and your agenda. If you do not have your materials, you will **NOT** be allowed to get them after class has started
- Sit in your assigned seat and do not leave it unless told to by the teacher
- All homework and assignments must be completed and handed in on time. Homework is checked every class.
- When in class, no talking is accepted unless permission is given
- No one will be allowed to go to the washroom during class
- Wait to be dismissed by the teacher, not by the bell
- Tests and quizzes must be corrected and signed. Marks will be deducted each class that a test is not brought back signed

It is the responsibility of the student to make up for any missed tests or

- assignments. If the student does not make up the missing work, they will receive a ZERO
- Food is not permitted in the classroom. A student may bring a reusable water bottle to class but won't be allowed to fill it during class

Materials:

1. Pencil(s)
2. Eraser
3. Ruler
4. Scientific Calculator- must have a fraction button (a b/c) , square root ($\sqrt{_}$), cubed root ($\sqrt[3]{_}$), exponent button , percent %
5. 2 200 pg spiral Notebooks or 300++ pg
6. 200 Loose Leaf paper
7. 40 Loose Leaf paper for graphics
8. 2 pens (red and blue)
9. 1 binder (2,5" or more)preferably with a zipper.

Have a great year!

Student signature: _____

Parent signature: _____